



SERVICE MANUAL

COLOUR TELEVISION

BASIC CHASSIS

MD

AV-32WFP1EU_(A)

AV-32WFP1EUI_(A)

AV-32WFP1EK_(A)

Supplementary

Since some details of the AV-32WFP1EU, AV-32WFP1EK (No.51550 Jun. 1999) & AV-32WFP1EUI (No.51550B Jan. 2000) SERVICE MANUAL were changed, we are informing you of the NEW SERVICE MANUAL (Revised edition, No.51550C Jun. 2000).

This revised edition contains some changes in the SERVICE ADJUSTMENTS, and REVISED PARTS LIST and STANDARD CIRCUIT DIAGRAM.

Please use this manual together with the previous SERVICE MANUAL (No.51550 Jun. 1999 / 51550B Jan. 2000).

■ OUTLINE OF CHANGES

The CRT of this model has been changed to "W76ERF031X044" from "W76LPX955X01." As a consequence, the printed wiring board has also been revised.

Please use this manual together with the previous SERVICE MANUAL.

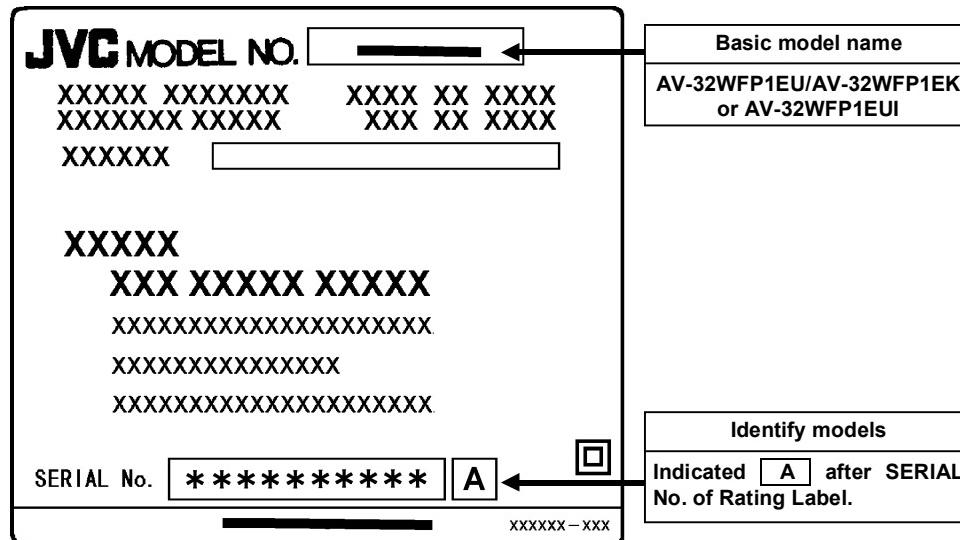
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HOW TO IDENTIFY MODELS

While referring to the illustration given below, identify model name on the rating label affixed to the rear cover.

RATING LABEL



SERVICE ADJUSTMENTS

ADJUSTMENTS

- Press refer to previous model adjustment.

- The setting values which adjust the screen to the optimum condition can be different from the initial setting values.
- Never touch parts (such as variable resistors, transformers and condensers) not shown in the adjustment items of this service adjustment.

PARTS LIST

REVISED EDITION

CAUTION

- The parts identified by the  symbol are important for the safety. Whenever replacing these parts, be sure to use specified ones to secure the safety.
- The parts not indicated in this Parts List and those which are filled with lines — in the Parts No. columns will not be supplied.
- P. W. Board Ass'y will not be supplied, but those which are filled with the Parts No. in the Parts No. columns will be supplied.

ABBREVIATIONS OF RESISTORS, CAPACITORS AND TOLERANCES

RESISTORS		CAPACITORS	
C R	Carbon Resistor	C CAP.	Ceramic Capacitor
F R	Fusible Resistor	E CAP.	Electrolytic Capacitor
P R	Plate Resistor	M CAP.	Mylar Capacitor
V R	Variable Resistor	HV CAP.	High Voltage Capacitor
H V R	High Voltage Resistor	MF CAP.	Metalized Film Capacitor
M F R	Metal Film Resistor	MM CAP.	Metalized Mylar Capacitor
M G R	Metal Glazed Resistor	MP CAP.	Metalized Polystyrol Capacitor
M P R	Metal Plate Resistor	PP CAP.	Polypropylene Capacitor
O M R	Metal Oxide Film Resistor	PS CAP.	Polystyrol Capacitor
C M F R	Coating Metal Film Resistor	TF CAP.	Thin Film Capacitor
U N F R	Non-Flammable Resistor	MPP CAP.	Metalized Polypropylene Capacitor
C H V R	Chip Variable Resistor	TAN. CAP.	Tantalum Capacitor
C H M G R	Chip Metal Glazed Resistor	CH C CAP.	Chip Ceramic Capacitor
C O M P . R	Composition Resistor	BP E CAP.	Bi-Polar Electrolytic Capacitor
L P T C R	Linear Positive Temperature Coefficient Resistor	CH AL E CAP.	Chip Aluminum Electrolytic Capacitor
		CH AL BP CAP.	Chip Aluminum Bi-Polar Capacitor
		CH TAN. E CAP.	Chip Tantalum Electrolytic Capacitor
		CH AL BP E CAP.	Chip Tantalum Bi-Polar Electrolytic Capacitor

TOLERANCES

F	G	J	K	M	N	R	H	Z	P
±1%	±2%	±5%	±10%	±20%	±30%	+30% -10%	+50% -10%	+80% -20%	+100% -0%

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■ PRINTED WIRING BOARD PARTS LIST	

AV-32WFP1EU_(A) / AV-32WFP1EUI_(A)

● MAIN PW BOARD ASS'Y	10
● POWER / DEF PW BOARD ASS'Y	14
● CRT SOCKET PW BOARD ASS'Y	16
● AUDIO PW BOARD ASS' Y	17
● FRONT CONTROL PW BOARD ASS'Y.....	17
● DOLBY PW BOARD ASS'Y	18
● IF PW BOARD ASS'Y.....	19
● AV TERMINAL PW BOARD ASS'Y	21
● PIP PW BOARD ASS'Y	21
● SUB MICON & AUTO PANORAMA PW BOARD ASS'Y	23
● 100Hz PW BOARD ASS'Y	24

AV-32WFP1EK_(A)

● MAIN PW BOARD ASS'Y	27
● POWER / DEF PW BOARD ASS'Y	31
● CRT SOCKET PW BOARD ASS'Y	31
● AUDIO PW BOARD ASS' Y	31
● FRONT CONTROL PW BOARD ASS'Y.....	31
● DOLBY PW BOARD ASS'Y	31
● IF PW BOARD ASS'Y.....	31
● AV TERMINAL PW BOARD ASS'Y	32
● PIP PW BOARD ASS'Y	32
● SUB MICON & AUTO PANORAMA PW BOARD ASS'Y	34
● 100Hz PW BOARD ASS'Y	34
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MAIN DIFFERENCE PARTS LIST (between without "A" and with "A" model)

△ PWB name	model name	Model No. & Parts No.		Remarks
		AV-32WFP1EU / EUI	AV-32WFP1EU(A) / EUI(A)	
		AV-32WFP1EK	AV-32WFP1EK(A)	

● USING PW BOARD (Page 5)

MAIN PWB	SMD-1001A-U2	SMD-1008A-U2	EU / EUI	Not interchangeable
	SMD-1901A-U2	SMD-1904A-U2	EK	↑
POWER/DEF PWB	SMD-2001A-U2 ↑	SMD-2008A-U2 ↑	EU / EUI EK	↑ ↑
	↑	↑	EK	↑
CRT SOCKET PWB	SMD-3001A-U2 ↑	SMD-3005A-U2 ↑	EU / EUI EK	↑ ↑
	↑	↑	EK	↑
FRONT CONTROL PWB	SMD-8001A-U2 ↑	SMD-8008A-U2 ↑	EU / EUI EK	↑ ↑
	↑	↑	EK	↑
100Hz PWB	SMD0Z001A-U2 ↑	SMD0Z005A-U2 ↑	EU / EUI EK	↑ ↑
	↑	↑	EK	↑
IF PWB	SMD0F001A-U2	SMD0F003A-U2	EU / EUI	↑
	SMD0F902A-U2	SMD0F903A-U2	EK	↑

● EXPLODED VIEW PARTS LIST (Page 7 & 8)

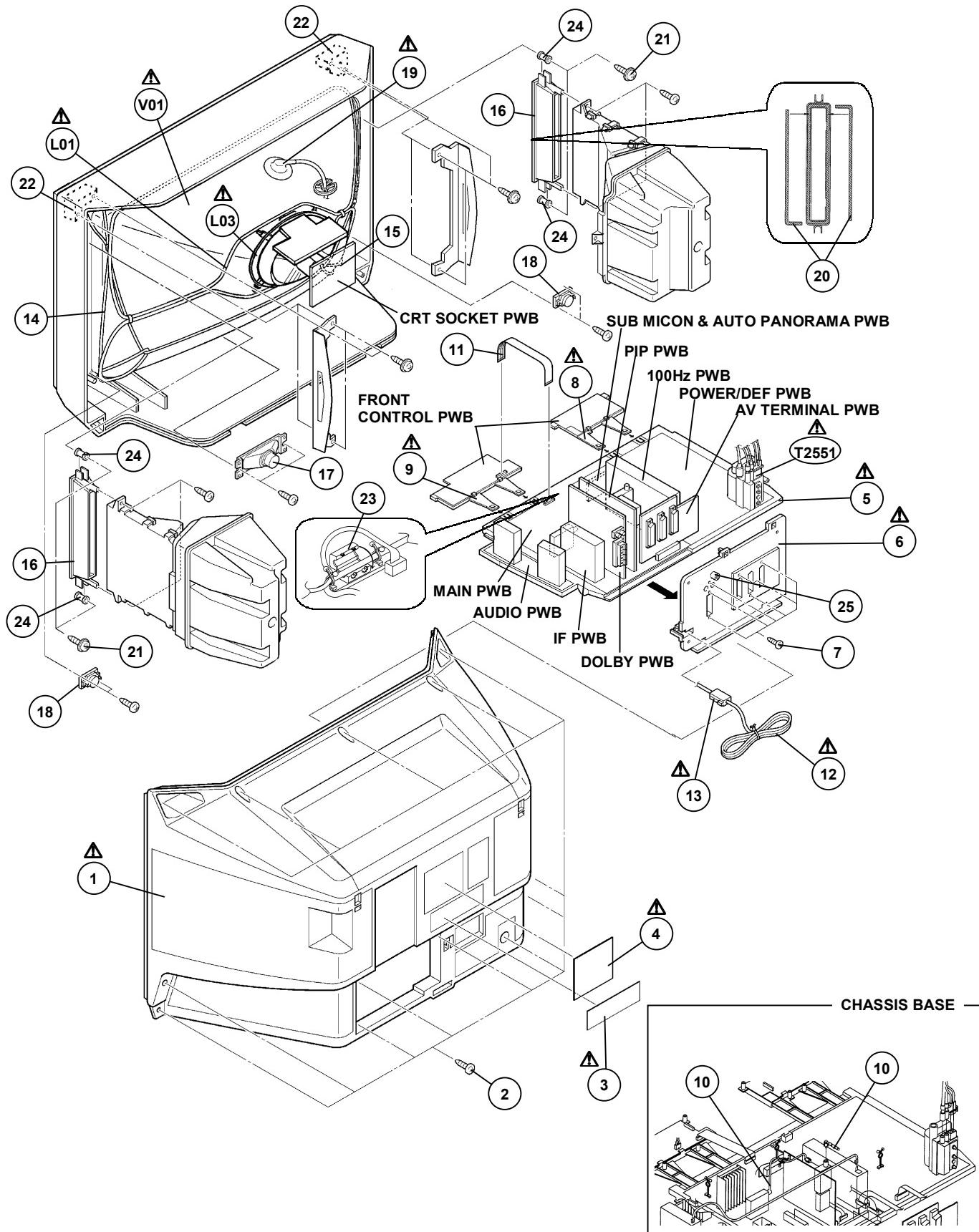
△	PICTURE TUBE (ITC)	W76LPX955X01	W76ERF031X044	V01	Not interchangeable
△	DEG. COIL	QQW0037-001	QQW0066-001	L01	↑
△	ROTATION COIL	QQW0040-001	CELD904-001	L03	↑
	E. BRAIDED	WJY0007-001A	CHGB0029-0C		↑
	SUB BRAIDED	_____	CHGB0017-0B		↑
△	FBT(SERVICE)	QQH0053-002-I2	QQH0054-002-I2	T2551	↑
△	RATING LABEL	LC20379-001A-U LC20380-001B-U	LC20379-007A-U LC20380-007A-U	EU	↑
		LC20080-006A-U	LC20080-010A-U	EUI	↑
		LC20091-002A-U	LC20075-031A-U	EK	↑

● PACKING PARTS LIST (Page 35)

EURO LABEL	AEM1039-057-E	AEM1052-005-E	EU	Not interchangeable
	AEM1039-074-E	AEM1052-004-E	EUI	↑
	AEM1039-056-E	AEM1052-003-E	EK	↑
△ INST BOOK	LCT0337-001A-U LCT0338-001A-U LCT0339-001A-U	LCT0037-002A-U LCT0038-002A-U LCT0339-002A-U	EU	↑
	LCT0337-001A-U	LCT0037-002A-U	EUI	↑
	LCT0340-001A-U	LCT0340-002A-U	EK	↑
PACKING CASE	AEM1002-065-E	AEM1002-065-E	EU / EUI / EK	↑
X-RAR CARD	LC10102-009AU	AEM1053-001-E	EU	↑

AV-32WFP1EU_(A) / AV-32WFP1EUI_(A) / AV-32WFP1EK_(A)

EXPLODED VIEW [I]



AV-32WFP1EU_(A) / AV-32WFP1EUI_(A) / AV-32WFP1EK_(A)

EXPLODED VIEW PARTS LIST [I]

△ Ref.No.	Part No.	Part Name	Description
△ L01	QQW0066-001	DEGAUSSING COIL	
△ L03	CELD904-001	ROTATION COIL	
△ T2551	QQH0054-002-I2	H.V.TRANSF	(SERVICE)
△ V01	W76ERF031X044	ITC TUBE(C)	Inc.DY,PC,WED
△ 1	LC10378-001D-U	REAR COVER	
2	QYSBSAG4016N	TAPPING SCREW	(×13)For REAR COVER
△ 3	LC20380-007A-U	RATING LABEL	For ENG/ESP/FRA
△ 3	LC20075-031A-U	RATING LABEL	AV-32WFP1EK(A)
△ 4	LC20379-007A-U	RATING LABEL	For ENG/GER/ITA AV-32WFP1EU(A)
△ 4	LC20080-010A-U	RATING LABEL	AV-32WFP1EUI(A)
△ 5	CM12923-A01-E	CHASSIS BASE	
△ 6	LC10381-001D-U	AV BOARD	
7	QYSBSB3012M	TAPPING SCREW	(×6)For AV BOARD
△ 8	LC10380-001C-U	CONTROL BASE L	
△ 9	LC10380-002B-U	CONTROL BASE R	
10	CHGY0017-0A-YS	ANTENNA CABLE	(×2)
△ 11	CHFD125-14BD	FFC WIRE	
△ 12	QMPK160-185-JC	POWER CORD	AV-32WFP1EU(A)
△ 12	QMPN130-185-JC	POWER CORD	AV-32WFP1EUI(A) / AV-32WFP1EK(A)
△ 13	CM46618-A01-E	POWER CORD CLAMP	
14	CHGB0029-0C	BRAIDED ASSY	
15	CHGB0017-0B	BRAIDED SUB ASSY	(×2)
16	LC10379-001A-U	HORN ADAPTER	(×2)
17	QA50030-001	SPEAKER	SP03
△ 18	CEBSF02K-01KJ6	SPEAKER	(×2)SP04,SP05
19	QNZ0407-001	ANODE WIRE	
20	LC30820-001C	SP SPACER	(×4)
21	LC40506-001A	TAPPING SCREW	(×4)For HORN ADAPTER
22	LC20508-001D-U	ADAPTOR	(×4)
23	QQR0491-001	FILTER	
24	LC40226-001A	SPACER	(×4)
25	CE42112-002	PALJ CONNECTOR	AV-32WFP1EU(A) / AV-32WFP1EUI(A)
25	CE42112-001	PALJ CONNECTOR	AV-32WFP1EK(A)

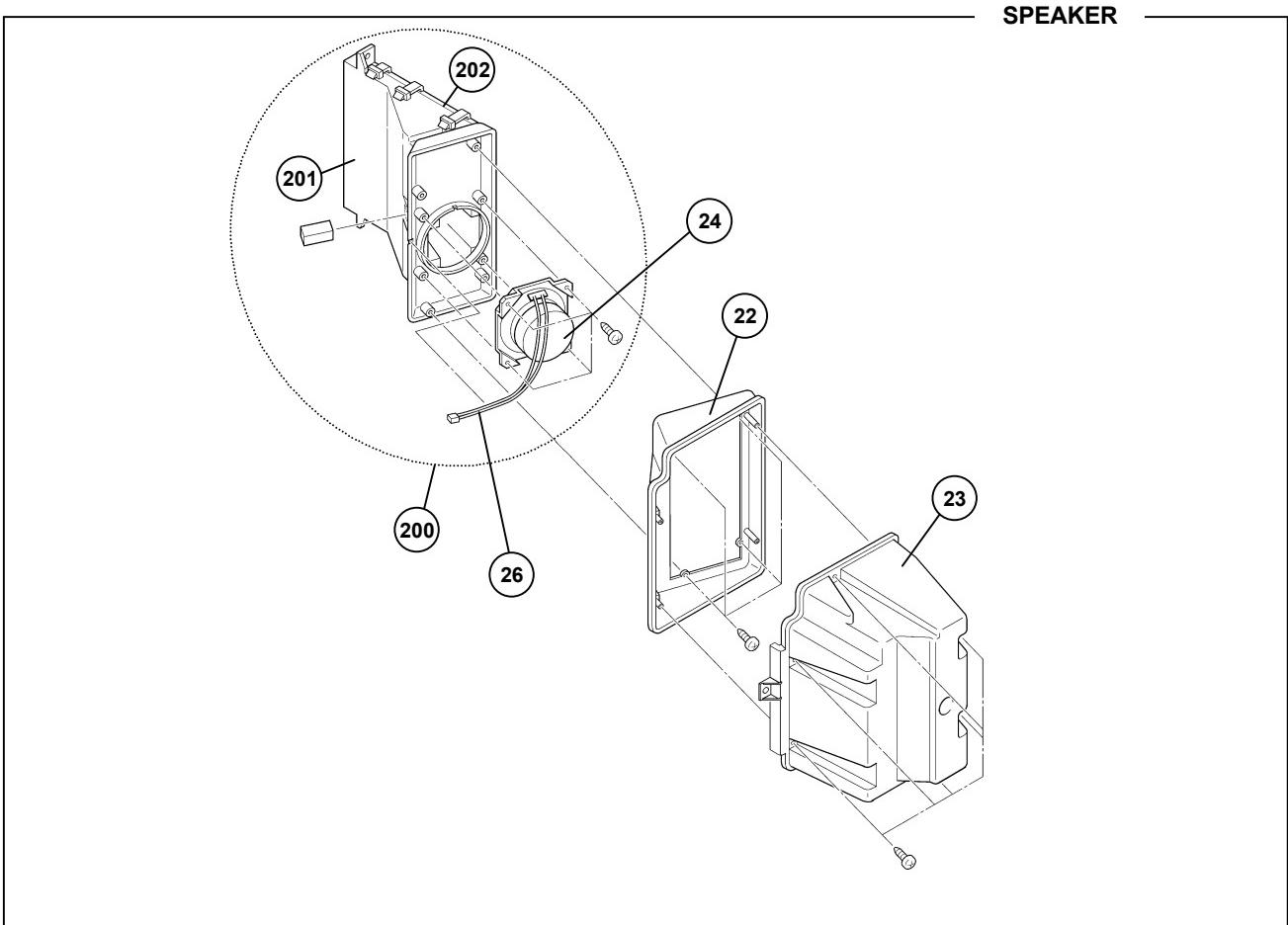
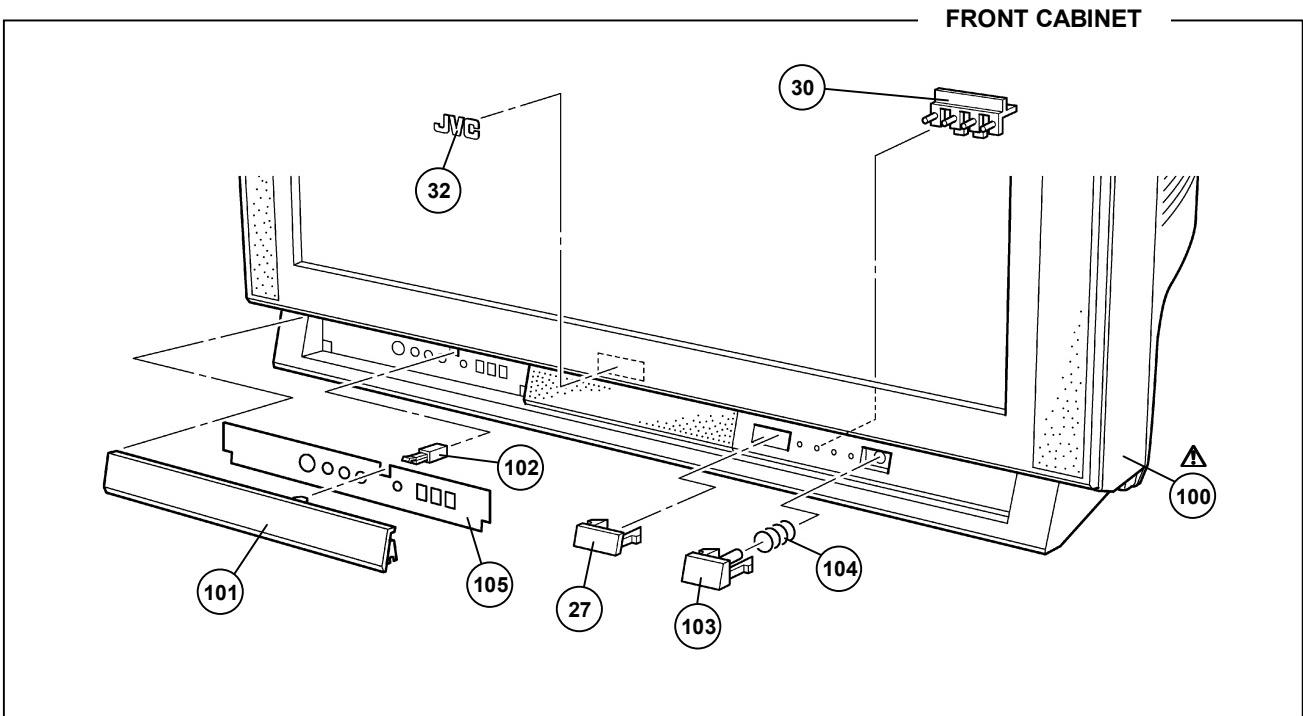
AV-32WFP1EU_(A) / AV-32WFP1EUI_(A) / AV-32WFP1EK_(A)

EXPLODED VIEW PARTS LIST [II]

△ Ref.No.	Part No.	Part Name	Description
AV-32WFP1EU(A)			
22	CM12921-001-E	DOME ADAPTER	(×2)
23	CM12922-A01-E	DOME BOX	(×2)
24	CEBSF10P-05KJ6	SPEAKER	(×2)SP01, SP02
26	CHGS0033-OB	SPEAKER WIRE	(×2)
27	LC30579-001B-C	REMOCON WINDOW	
30	LC30580-001B-C	L.E.D.LENS	
32	LC40354-001C-C	JVC MARK	
△ 100	LC10376-001E-U	FRONT CABINET	Inc.No.101~105
101	LC20265-002A-U	DOOR	(SERVICE)
102	CM48229-00A-C	DOOR LATCH	
103	LC30578-002A-C	POWER KNOB	(SERVICE)
104	AEM3149-001-E	SPRING	
105	LC30597-002A-U	CONTROL SHEET	
200	2528MXSP-2SE	DOME SPK BOX	(×2)Inc.No.201~202
201	CM12463-D01-E	HORN	(×2)
202	CM12464-D01-E	HORN PANEL	(×2)
AV-32WFP1EUI(A)			
22	CM12921-001-E	ADAPTER	(×2)
23	CM12922-A01-E	SPEAKER BOX	(×2)
24	CEBSF10P-05KJ6	SPEAKER	(×2)SP01, SP02
26	CHGS0033-OB	SPEAKER WIRE	(×2)
27	LC30579-001B-C	REMOCON WINDOW	
30	LC30580-001B-C	L.E.D.LENS	
32	LC40354-001C-C	JVC MARK	
△ 100	LC10376-001E-U	FRONT CABINET	Inc.No.101~105
101	LC20265-002A-U	DOOR	(SERVICE)
102	CM48229-00A-C	DOOR LATCH	
103	LC30578-002A-C	POWER KNOB	(SERVICE)
104	AEM3149-001-E	SPRING	
105	LC30597-002A-U	CONTROL SHEET	
200	2528MXSP-2SE	DOME SPK BOX	(×2)Inc.No.201~202
201	CM12463-D01-E	HORN	(×2)
202	CM12464-D01-E	HORN PANEL	(×2)
AV-32WFP1EK(A)			
22	CM12921-001-E	DOME ADAPTER	(×2)
23	CM12922-A01-E	DOME BOX	(×2)
24	CEBSF10P-05KJ6	SPEAKER	(×2)SP01, SP02
26	CHGS0033-OB	SPEAKER WIRE	(×2)
27	LC30579-001B-C	REMOCON WINDOW	
30	LC30580-001B-C	L.E.D.LENS	
32	LC40354-001C-C	JVC MARK	
△ 100	LC10376-001E-U	FRONT CABINET	Inc.No.101~105
101	LC20265-002A-U	DOOR	(SERVICE)
102	CM48229-00A-C	DOOR LATCH	
103	LC30578-002A-C	POWER KNOB	(SERVICE)
104	AEM3149-001-E	SPRING	
105	LC30597-002A-U	CONTROL SHEET	
200	2528MXSP-2SE	DOME SPK BOX	(×2)Inc.No.201~202
201	CM12463-D01-E	HORN	(×2)
202	CM12464-D01-E	HORN PANEL	(×2)

AV-32WFP1EU_(A) / AV-32WFP1EUI_(A) / AV-32WFP1EK_(A)

EXPLODED VIEW [II]



AV-28WFP1EU_(A) / AV-32WFP1EUI_(A)**PRINTED WIRING BOARD PARTS LIST****MAIN PW BOARD ASS'Y (SMD-1008A-U2)**

△ Symbol No.	Part No.	Part Name	Description
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RESISTOR

R1002	NRSA02J-103X	MG R	10kΩ 1/10W J
R1003-06	NRSA02J-102X	MG R	1kΩ 1/10W J
R1101-03	NRSA02J-102X	MG R	1kΩ 1/10W J
R1104	NRSA02J-681X	MG R	680Ω 1/10W J
R1105	NRSA02J-392X	MG R	3.9kΩ 1/10W J
R1107	NRSA02J-391X	MG R	390Ω 1/10W J
R1108	NRSA02J-102X	MG R	1kΩ 1/10W J
R1109	NRSA02J-103X	MG R	10kΩ 1/10W J

R1110	NRSA02J-472X	MG R	4.7kΩ 1/10W J
R1111	NRSA02J-821X	MG R	820Ω 1/10W J
R1112	NRSA02J-101X	MG R	100Ω 1/10W J
R1113	NRSA02J-102X	MG R	1kΩ 1/10W J
R1121-22	NRSA02J-OROX	MG R	0.0Ω 1/10W J
R1123	NRSA02J-152X	MG R	1.5kΩ 1/10W J
R1124	NRSA02J-821X	MG R	820Ω 1/10W J
R1125-27	NRSA02J-103X	MG R	10kΩ 1/10W J

R1128	NRSA02J-153X	MG R	15kΩ 1/10W J
R1131-33	NRSA02J-102X	MG R	1kΩ 1/10W J
R1134	NRSA02J-681X	MG R	680Ω 1/10W J
R1135	NRSA02J-561X	MG R	560Ω 1/10W J
R1136	NRSA02J-681X	MG R	680Ω 1/10W J
R1137	NRSA02J-102X	MG R	1kΩ 1/10W J
R1138	NRSA02J-391X	MG R	390Ω 1/10W J
R1140	NRSA02J-103X	MG R	10kΩ 1/10W J

R1141	NRSA02J-472X	MG R	4.7kΩ 1/10W J
R1142	NRSA02J-821X	MG R	820Ω 1/10W J
R1151	NRSA02J-222X	MG R	2.2kΩ 1/10W J
R1152-53	NRSA02J-102X	MG R	1kΩ 1/10W J
R1154	NRSA02J-681X	MG R	680Ω 1/10W J
R1155	NRSA02J-561X	MG R	560Ω 1/10W J
R1156	NRSA02J-681X	MG R	680Ω 1/10W J
R1157	NRSA02J-102X	MG R	1kΩ 1/10W J

R1158	NRSA02J-391X	MG R	390Ω 1/10W J
R1160	NRSA02J-103X	MG R	10kΩ 1/10W J
R1161	NRSA02J-472X	MG R	4.7kΩ 1/10W J
R1162	NRSA02J-821X	MG R	820Ω 1/10W J
R1171	NRSA02J-103X	MG R	10kΩ 1/10W J
R1172	NRSA02J-562X	MG R	5.6kΩ 1/10W J
R1173	NRSA02J-221X	MG R	220Ω 1/10W J
R1174	NRSA02J-272X	MG R	2.7kΩ 1/10W J

R1175	NRSA02J-102X	MG R	1kΩ 1/10W J
R1176	NRSA02J-392X	MG R	3.9kΩ 1/10W J
R1177	NRSA02J-472X	MG R	4.7kΩ 1/10W J
R1178	NRSA02J-OROX	MG R	0.0Ω 1/10W J
R1179	NRSA02J-272X	MG R	2.7kΩ 1/10W J
R1201-02	NRSA02J-103X	MG R	10kΩ 1/10W J
R1203	NRSA02J-750X	MG R	75Ω 1/10W J
R1204	QRK126J-151X	C R	150Ω 1/2W J

R1205	NRSA02J-101X	MG R	100Ω 1/10W J
R1206	QRG01GJ-101	OM R	100Ω 1W J
R1207	NRSA02J-223X	MG R	22kΩ 1/10W J
R1208	NRSA02J-473X	MG R	47kΩ 1/10W J
R1209	NRSA02J-683X	MG R	68kΩ 1/10W J
R1210	NRSA02J-153X	MG R	15kΩ 1/10W J
R1211	NRSA02J-103X	MG R	10kΩ 1/10W J
R1212	NRSA02J-473X	MG R	47kΩ 1/10W J

R1213	NRSA02J-273X	MG R	27kΩ 1/10W J
R1214	NRSA02J-103X	MG R	10kΩ 1/10W J
R1215	NRSA02J-222X	MG R	2.2kΩ 1/10W J
R1216	NRSA02J-333X	MG R	33kΩ 1/10W J
R1217	NRSA02J-222X	MG R	2.2kΩ 1/10W J
R1218	NRSA02J-333X	MG R	33kΩ 1/10W J
R1219	NRSA02J-823X	MG R	82kΩ 1/10W J
R1220	NRSA02J-OROX	MG R	0.0Ω 1/10W J

R1221	NRSA02J-391X	MG R	390Ω 1/10W J
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△ Symbol No.	Part No.	Part Name	Description
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RESISTOR

R1222	NRSA02J-823X	MG R	82kΩ 1/10W J
R1223	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1224	NRSA02J-391X	MG R	390Ω 1/10W J
R1225-26	NRSA02J-223X	MG R	22kΩ 1/10W J
R1227	NRSA02J-104X	MG R	100kΩ 1/10W J
R1228	NRSA02J-680X	MG R	68kΩ 1/10W J
R1229	QRK126J-181X	C R	180Ω 1/2W J
R1231	QRG01GJ-101	OM R	100Ω 1W J

R1232	NRSA02J-101X	MG R	100Ω 1/10W J
R1233	NRSA02J-222X	MG R	2.2kΩ 1/10W J
R1242	NRSA02J-223X	MG R	22kΩ 1/10W J
R1243	NRSA02J-473X	MG R	47kΩ 1/10W J
R1244	NRSA02J-683X	MG R	68kΩ 1/10W J
R1245	NRSA02J-153X	MG R	15kΩ 1/10W J
R1246	NRSA02J-103X	MG R	10kΩ 1/10W J
R1247	NRSA02J-473X	MG R	47kΩ 1/10W J

R1248	NRSA02J-273X	MG R	27kΩ 1/10W J
R1249	NRSA02J-103X	MG R	10kΩ 1/10W J
R1250	NRSA02J-222X	MG R	2.2kΩ 1/10W J
R1251	NRSA02J-333X	MG R	33kΩ 1/10W J
R1252	NRSA02J-222X	MG R	2.2kΩ 1/10W J
R1253	NRSA02J-333X	MG R	33kΩ 1/10W J
R1254	NRSA02J-823X	MG R	82kΩ 1/10W J
R1255	NRSA02J-0R0X	MG R	0.0Ω 1/10W J

R1256	NRSA02J-391X	MG R	390Ω 1/10W J
R1257	NRSA02J-823X	MG R	82kΩ 1/10W J
R1258	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1259	NRSA02J-391X	MG R	390Ω 1/10W J
R1260-61	NRSA02J-223X	MG R	22kΩ 1/10W J
R1262	NRSA02J-104X	MG R	100kΩ 1/10W J
R1263	NRSA02J-222X	MG R	2.2kΩ 1/10W J
R1264	NRSA02J-333X	MG R	33kΩ 1/10W J

R1265	NRSA02J-222X	MG R	2.2kΩ 1/10W J
R1266	NRSA02J-333X	MG R	33kΩ 1/10W J
R1267-69	NRSA02J-750X	MG R	75Ω 1/10W J
R1277-79	NRSA02J-750X	MG R	75Ω 1/10W J
R1280	NRSA02J-223X	MG R	22kΩ 1/10W J
R1281	NRSA02J-473X	MG R	47kΩ 1/10W J
R1282	NRSA02J-683X	MG R	68kΩ 1/10W J
R1283	NRSA02J-153X	MG R	15kΩ 1/10W J

R1284	NRSA02J-103X	MG R	10kΩ 1/10W J
R1285	NRSA02J-473X	MG R	47kΩ 1/10W J
R1286	NRSA02J-273X	MG R	27kΩ 1/10W J
R1287	NRSA02J-103X	MG R	10kΩ 1/10W J
R1288	NRSA02J-222X	MG R	2.2kΩ 1/10W J
R1289	NRSA02J-333X	MG R	33kΩ 1/10W J
R1290	NRSA02J-222X	MG R	2.2kΩ 1/10W J
R1291	NRSA02J-333X	MG R	33kΩ 1/10W J

R1292	NRSA02J-471X	MG R	470Ω 1/10W J
R1301	NRSA02J-101X	MG R	100Ω 1/10W J
R1302	NRSA02J-471X	MG R	470Ω 1/10W J
R1303	NRSA02J-101X	MG R	100Ω 1/10W J
R1304	NRSA02J-471X	MG R	470Ω 1/10W J
R1305	NRSA02J-221X	MG R	220Ω 1/10W J
R1306	NRSA02J-271X	MG R	270Ω 1/10W J
R1307	NRSA02J-101X	MG R	100Ω 1/10W J

R1308	NRSA02J-471X	MG R	470Ω 1/10W J
R1309	NRSA02J-101X	MG R	100Ω 1/10W J
R1310	NRSA02J-471X	MG R	470Ω 1/10W J
R1311	NRSA02J-221X	MG R	220Ω 1/10W J
R1312	NRSA02J-271X	MG R	270Ω 1/10W J
R1313	NRSA02J-101X	MG R	100Ω 1/10W J
R1314-15	NRSA02J-471X	MG R	470Ω 1/10W J
R1316	NRSA02J-152X	MG R	1.5kΩ 1/10W J</td

△	Symbol No.	Part No.	Part Name	Description
RESISTOR				
R1319	NRSA02J-152X	MG R	1.5kΩ 1/10W J	
R1320	NRSA02J-221X	MG R	220Ω 1/10W J	
R1321	NRSA02J-102X	MG R	1kΩ 1/10W J	
R1323-24	NRSA02J-562X	MG R	5.6kΩ 1/10W J	
R1326-29	NRSA02J-152X	MG R	1.5kΩ 1/10W J	
R1330	NRSA02J-103X	MG R	10kΩ 1/10W J	
R1331	NRSA02J-101X	MG R	100Ω 1/10W J	
R1332-33	NRSA02J-471X	MG R	470Ω 1/10W J	
R1334-35	NRSA02J-152X	MG R	1.5kΩ 1/10W J	
R1336	NRSA02J-101X	MG R	100Ω 1/10W J	
R1337	NRSA02J-103X	MG R	10kΩ 1/10W J	
R1338-40	NRSA02J-101X	MG R	100Ω 1/10W J	
R1341	NRSA02J-183X	MG R	18kΩ 1/10W J	
R1342	NRSA02J-823X	MG R	82kΩ 1/10W J	
R1343-44	NRSA02J-101X	MG R	100Ω 1/10W J	
R1345-46	NRSA02J-103X	MG R	10kΩ 1/10W J	
R1347	NRSA02J-562X	MG R	5.6kΩ 1/10W J	
R1348	NRSA02J-471X	MG R	470Ω 1/10W J	
R1349	NRSA02J-152X	MG R	1.5kΩ 1/10W J	
R1350	NRSA02J-271X	MG R	270Ω 1/10W J	
R1381	NRSA02J-102X	MG R	1kΩ 1/10W J	
R1382	NRSA02J-152X	MG R	1.5kΩ 1/10W J	
R1383	NRSA02J-822X	MG R	8.2kΩ 1/10W J	
R1384	NRSA02J-683X	MG R	68kΩ 1/10W J	
R1385	NRSA02J-273X	MG R	27kΩ 1/10W J	
R1386	NRSA02J-102X	MG R	1kΩ 1/10W J	
R1387	NRSA02J-683X	MG R	68kΩ 1/10W J	
R1388	NRSA02J-273X	MG R	27kΩ 1/10W J	
R1389	NRSA02J-102X	MG R	1kΩ 1/10W J	
R1390	NRSA02J-683X	MG R	68kΩ 1/10W J	
R1391	NRSA02J-273X	MG R	27kΩ 1/10W J	
R1392	NRSA02J-102X	MG R	1kΩ 1/10W J	
R1395-97	NRSA02J-OROX	MG R	0.0Ω 1/10W J	
R1398	NRSA02J-101X	MG R	100Ω 1/10W J	
R1401-02	NRSA02J-682X	MG R	6.8kΩ 1/10W J	
R1403	NRSA02J-222X	MG R	2.2kΩ 1/10W J	
R1404	QRX01GJ-1R0	MF R	1.0Ω 1W J	
R1405	QLR029J-221	OM R	220Ω 2W J	
R1406	NRSA02J-222X	MG R	2.2kΩ 1/10W J	
R1407-08	QRX01GJ-1R5	MF R	1.5Ω 1W J	
R1409-10	NRSA02J-103X	MG R	10kΩ 1/10W J	
R1461	NRSA02J-272X	MG R	2.7kΩ 1/10W J	
R1462	NRSA02J-563X	MG R	56kΩ 1/10W J	
R1463	NRSA02J-104X	MG R	100kΩ 1/10W J	
R1464	NRSA02J-123X	MG R	12kΩ 1/10W J	
R1501	NRSA02J-332X	MG R	3.3kΩ 1/10W J	
R1551	NRSA02J-100X	MG R	10Ω 1/10W J	
R1552	NRSA02J-124X	MG R	120kΩ 1/10W J	
R1553	NRSA02J-683X	MG R	68kΩ 1/10W J	
R1554	NRSA02J-562X	MG R	5.6kΩ 1/10W J	
R1555	NRSA02J-333X	MG R	33kΩ 1/10W J	
R1556	NRSA02J-472X	MG R	4.7kΩ 1/10W J	
R1557	NRSA02J-562X	MG R	5.6kΩ 1/10W J	
R1558	NRSA02J-104X	MG R	100kΩ 1/10W J	
R1559	NRSA02J-154X	MG R	150kΩ 1/10W J	
R1560	NRSA02J-100X	MG R	10Ω 1/10W J	
R1561	QRN143J-OROX	C R	0.0Ω 1/4W J	
R1601	NRSA02J-103X	MG R	10kΩ 1/10W J	
R1602	NRSA02J-104X	MG R	100kΩ 1/10W J	
R1610	NRSA02J-471X	MG R	470Ω 1/10W J	
R1611	NRSA02J-331X	MG R	330Ω 1/10W J	
R1612	NRSA02J-561X	MG R	560Ω 1/10W J	
R1613-14	NRSA02J-123X	MG R	12kΩ 1/10W J	
R1615	NRSA02J-681X	MG R	680Ω 1/10W J	
R1616	NRSA02J-102X	MG R	1kΩ 1/10W J	
R1617-18	NRSA02J-682X	MG R	6.8kΩ 1/10W J	
R1619-20	NRSA02J-223X	MG R	22kΩ 1/10W J	
R1658-60	QRN143J-2R2X	C R	2.2Ω 1/4W J	
R1661	NRSA02J-561X	MG R	560Ω 1/10W J	
R1662-64	NRSA02J-223X	MG R	22kΩ 1/10W J	
R1665	NRSA02J-104X	MG R	100kΩ 1/10W J	
R1666	NRSA02J-682X	MG R	6.8kΩ 1/10W J	

△	Symbol No.	Part No.	Part Name	Description
RESISTOR				
R1667	NRSA02J-104X	MG R	100kΩ 1/10W J	
R1668	NRSA02J-0R0X	MG R	0.0Ω 1/10W J	
R1669	NRSA02J-473X	MG R	47kΩ 1/10W J	
R1670	NRSA02J-0R0X	MG R	0.0Ω 1/10W J	
R1671	NRSA02J-273X	MG R	27kΩ 1/10W J	
R1672	NRSA02J-122X	MG R	1.2kΩ 1/10W J	
R1673	NRSA02J-103X	MG R	10kΩ 1/10W J	
R1674	NRSA02J-563X	MG R	56kΩ 1/10W J	
R1675	NRSA02J-103X	MG R	10kΩ 1/10W J	
R1676	NRSA02J-273X	MG R	27kΩ 1/10W J	
R1677	NRSA02J-103X	MG R	10kΩ 1/10W J	
R1678	NRSA02J-563X	MG R	56kΩ 1/10W J	
R1679	NRSA02J-103X	MG R	10kΩ 1/10W J	
R1680	NRSA02J-273X	MG R	27kΩ 1/10W J	
R1682	NRSA02J-103X	MG R	10kΩ 1/10W J	
R1683	NRSA02J-562X	MG R	5.6kΩ 1/10W J	
R1684	NRSA02J-473X	MG R	47kΩ 1/10W J	
R1689-90	NRSA02J-103X	MG R	10kΩ 1/10W J	
R1691-92	NRSA02J-123X	MG R	12kΩ 1/10W J	
R1693-94	NRSA02J-103X	MG R	10kΩ 1/10W J	
R1700	NRSA02J-0R0X	MG R	0.0Ω 1/10W J	
R1701	NRSA02J-104X	MG R	100kΩ 1/10W J	
R1702	NRSA02J-823X	MG R	82kΩ 1/10W J	
R1703-06	NRSA02J-102X	MG R	1kΩ 1/10W J	
R1707	NRSA02J-103X	MG R	10kΩ 1/10W J	
R1708	NRSA02J-102X	MG R	1kΩ 1/10W J	
R1709	NRSA02J-103X	MG R	10kΩ 1/10W J	
R1710	NRSA02J-821X	MG R	820Ω 1/10W J	
R1711	NRSA02J-102X	MG R	1kΩ 1/10W J	
R1713-14	NRSA02J-103X	MG R	10kΩ 1/10W J	
R1716	NRSA02J-103X	MG R	10kΩ 1/10W J	
R1718	NRSA02J-102X	MG R	1kΩ 1/10W J	
R1719	NRSA02J-101X	MG R	100Ω 1/10W J	
R1720	NRSA02J-102X	MG R	1kΩ 1/10W J	
R1721-23	NRSA02J-472X	MG R	4.7kΩ 1/10W J	
R1724-26	NRSA02J-821X	MG R	820Ω 1/10W J	
R1727	NRSA02J-153X	MG R	15kΩ 1/10W J	
R1728	NRSA02J-103X	MG R	10kΩ 1/10W J	
R1729	NRSA02J-683X	MG R	68kΩ 1/10W J	
R1730	NRSA02J-223X	MG R	22kΩ 1/10W J	
R1731	NRSA02J-562X	MG R	5.6kΩ 1/10W J	
R1732	NRSA02J-103X	MG R	10kΩ 1/10W J	
R1733	NRSA02J-222X	MG R	2.2kΩ 1/10W J	
R1734	NRSA02J-103X	MG R	10kΩ 1/10W J	
R1735-36	NRSA02J-682X	MG R	6.8kΩ 1/10W J	
R1738	NRSA02J-183X	MG R	18kΩ 1/10W J	
R1739	NRSA02J-331X	MG R	330Ω 1/10W J	
R1740-42	NRSA02J-103X	MG R	10kΩ 1/10W J	
R1743	NRSA02J-222X	MG R	2.2kΩ 1/10W J	
R1744-46	NRSA02J-103X	MG R	10kΩ 1/10W J	
R1747	NRSA02J-102X	MG R	1kΩ 1/10W J	
R1748	NRSA02J-103X	MG R	10kΩ 1/10W J	
R1751-52	NRSA02J-103X	MG R	10kΩ 1/10W J	
R1753	NRSA02J-472X	MG R	4.7kΩ 1/10W J	
R1754	NRSA02J-103X	MG R	10kΩ 1/10W J	
R1755	NRSA02J-472X	MG R	4.7kΩ 1/10W J	
R1756-57	NRSA02J-103X	MG R	10kΩ 1/10W J	
R1758-59	NRSA02J-221X	MG R	220Ω 1/10W J	
R1760	NRSA02J-102X	MG R	1kΩ 1/10W J	
R1761-65	NRSA02J-221X	MG R	220Ω 1/10W J	
R1766	NRSA02J-103X	MG R	10kΩ 1/10W J	
R1767	NRSA02J-104X	MG R	100kΩ 1/10W J	
R1768	NRSA02J-823X	MG R	82kΩ 1/10W J	
R1770	NRSA02J-103X	MG R	10kΩ 1/10W J	
R1771	NRSA02J-392X	MG R	3.9kΩ 1/10W J	
R1772-74	NRSA02J-103X	MG R	10kΩ 1/10W J	
R1775-76	NRSA02J-563X	MG R	56kΩ 1/10W J	
R1777	NRSA02J-223X	MG R	22kΩ 1/10W J	
R1778	NRSA02J-103X	MG R	10kΩ 1/10W J	
R1779	NRSA02J-333X	MG R	33kΩ 1/10W J	
R1780	NRSA02J-104X	MG R	100kΩ 1/10W J	
R1782	NRSA02J-0R0X	MG R	0.0Ω 1/10W J	

△ Symbol No.	Part No.	Part Name	Description
RESISTOR			
R1784-86	NRSA02J-333X	MG R	33kΩ 1/10W J
R1787	NRSA02J-103X	MG R	10kΩ 1/10W J
R1788	NRSA02J-123X	MG R	12kΩ 1/10W J
R1789	NRSA02J-OR0X	MG R	0.0Ω 1/10W J
R1791	NRSA02J-103X	MG R	10kΩ 1/10W J
R1792	NRSA02J-OR0X	MG R	0.0Ω 1/10W J
R1793	NRSA02J-102X	MG R	1kΩ 1/10W J
R1794	NRSA02J-152X	MG R	1.5kΩ 1/10W J
R1795	NRSA02J-102X	MG R	1kΩ 1/10W J
R1796	NRSA02J-103X	MG R	10kΩ 1/10W J
R1797	NRSA02J-102X	MG R	1kΩ 1/10W J
R1820	NRSA02J-332X	MG R	3.3kΩ 1/10W J
R1880-82	NRSA02J-102X	MG R	1kΩ 1/10W J
R1883	NRSA02J-473X	MG R	47kΩ 1/10W J
R1884-86	NRSA02J-103X	MG R	10kΩ 1/10W J
R1888-89	NRSA02J-103X	MG R	10kΩ 1/10W J
R1890	NRSA02J-221X	MG R	220Ω 1/10W J
R1891	NRSA02J-273X	MG R	27kΩ 1/10W J
R1892-96	NRSA02J-221X	MG R	220Ω 1/10W J
R1897	QRG029J-220	OM R	22 Ω 2W J
R1901	NRSA02J-101X	MG R	100Ω 1/10W J
R1902	NRSA02J-223X	MG R	22kΩ 1/10W J
R1903	NRSA02J-472X	MG R	4.7kΩ 1/10W J
R1904	NRSA02J-223X	MG R	22kΩ 1/10W J
R1905	NRSA02J-102X	MG R	1kΩ 1/10W J
CAPACITOR			
C1001	NCB21HK-104X	CHIP CAP.	0.1μF 50V K
C1002	QETN1HM-107Z	E CAP.	100μF 50V M
C1003	NCB21HK-104X	CHIP CAP.	0.1μF 50V K
C1004	QETN1CM-107Z	E CAP.	100μF 16V M
C1005	NCB21HK-104X	CHIP CAP.	0.1μF 50V K
C1006	QETN1CM-227Z	E CAP.	220μF 16V M
C1007	NCB21HK-222X	C CAP.	2200pF 50V K
C1008	QETN1HM-106Z	E CAP.	10μF 50V M
C1101-02	QETN1CM-107Z	E CAP.	100μF 16V M
C1104	QETN1EM-476Z	E CAP.	47μF 25V M
C1105	QENC1HM-474Z	BP E CAP.	0.47μF 50V M
C1106	QETN1HM-106Z	E CAP.	10μF 50V M
C1107	QETN1AM-227Z	E CAP.	220μF 10V M
C1121-22	NCB21HK-103X	C CAP.	0.01μF 50V K
C1123	QETN1EM-476Z	E CAP.	47μF 25V M
C1124-25	NCB21HK-103X	C CAP.	0.01μF 50V K
C1128	QETN1CM-107Z	E CAP.	100μF 16V M
C1129	QETN1EM-476Z	E CAP.	47μF 25V M
C1130	NCB21HK-103X	C CAP.	0.01μF 50V K
C1131	QETN1EM-476Z	E CAP.	47μF 25V M
C1132	NCB21HK-103X	C CAP.	0.01μF 50V K
C1134	NCB21HK-103X	C CAP.	0.01μF 50V K
C1135	NDC21HJ-181X	C CAP.	180pF 50V J
C1136-39	NCB21HK-103X	C CAP.	0.01μF 50V K
C1140	QETN1EM-476Z	E CAP.	47μF 25V M
C1141	NCB21HK-103X	C CAP.	0.01μF 50V K
C1151	QETN1AM-227Z	E CAP.	220μF 10V M
C1152	NCB21HK-103X	C CAP.	0.01μF 50V K
C1153	QETN1AM-107Z	E CAP.	100μF 10V M
C1154	NDC21HJ-121X	C CAP.	120μF 50V J
C1155	QETN1EM-476Z	E CAP.	47μF 25V M
C1161	QETN1EM-476Z	E CAP.	47μF 25V M
C1163	QETN1EM-476Z	E CAP.	47μF 25V M
C1171	NDC21HJ-221X	C CAP.	220pF 50V J
C1172	NDC21HJ-560X	C CAP.	56pF 50V J
C1173	NDC21HJ-221X	C CAP.	220pF 50V J
C1174	NDC21HJ-121X	C CAP.	120pF 50V J
C1192	QETN1CM-227Z	E CAP.	220μF 16V M
C1193	NCB21HK-103X	C CAP.	0.01μF 50V K
C1201	QETN1CM-227Z	E CAP.	220μF 16V M
C1202	NCB21HK-102X	C CAP.	1000pF 50V K
C1203-04	QETN1HM-105Z	E CAP.	1μF 50V M
C1205-06	QETN1HM-106Z	E CAP.	10μF 50V M

△ Symbol No.	Part No.	Part Name	Description
CAPACITOR			
C1207	QETN1CM-227Z	E CAP.	220μF 16V M
C1211	NCB21HK-102X	C CAP.	1000pF 50V K
C1212-13	QETN1HM-105Z	E CAP.	1μF 50V M
C1214-15	QETN1HM-106Z	E CAP.	10μF 50V M
C1216-17	QETN1HM-105Z	E CAP.	1μF 50V M
C1218-19	QETN1EM-476Z	E CAP.	47μF 25V M
C1220	QETN1HM-105Z	E CAP.	1μF 50V M
C1221-22	QETN1CM-107Z	E CAP.	100μF 16V M
C1223-24	QETN1HM-105Z	E CAP.	1μF 50V M
C1231-33	QETN1EM-476Z	E CAP.	47μF 25V M
C1234	NCB21HK-102X	C CAP.	1000pF 50V K
C1301	QETN1CM-227Z	E CAP.	220μF 16V M
C1302	NCB21HK-104X	CHIP CAP.	0.1μF 50V K
C1303	QETN1EM-476Z	E CAP.	47μF 25V M
C1304	QENC1CM-476Z	BP E CAP.	47μF 16V M
C1305	QETN1HM-226Z	E CAP.	22μF 50V M
C1306	NCB21HK-223X	C CAP.	0.022μF 50V K
C1307-08	QENC1HM-105Z	BP E CAP.	1μF 50V M
C1309	NDC21HJ-390X	C CAP.	39pF 50V J
C1311-13	NCB21HK-104X	CHIP CAP.	0.1μF 50V K
C1314	NCB21HK-222X	C CAP.	2200pF 50V K
C1315	NCB21CK-474X	C CAP.	0.47μF 16V K
C1316	NCB21HK-104X	CHIP CAP.	0.1μF 50V K
C1317	NCB21EK-154X	C CAP.	0.15μF 25V K
C1318	NCB21HK-104X	CHIP CAP.	0.1μF 50V K
C1319	NCB21HK-332X	C CAP.	3300pF 50V K
C1320	NCB21HK-104X	CHIP CAP.	0.1μF 50V K
C1321-22	NDC21HJ-150X	C CAP.	15pF 50V J
C1323	NCB21HK-104X	CHIP CAP.	0.1μF 50V K
C1325-26	NCB21HK-104X	CHIP CAP.	0.1μF 50V K
C1327	QETN1CM-227Z	E CAP.	220μF 16V M
C1328-32	NCB21HK-104X	CHIP CAP.	0.1μF 50V K
C1342-44	NDC21HJ-220X	C CAP.	22pF 50V J
C1345	NDC21HJ-121X	C CAP.	120pF 50V J
C1362	NDC21HJ-330X	C CAP.	33pF 50V J
C1363-65	QETN1HM-106Z	E CAP.	10μF 50V M
C1381-84	QETN1EM-476Z	E CAP.	47μF 25V M
C1387-88	QETN1EM-476Z	E CAP.	47μF 25V M
C1389-90	QETNOJM-228Z	E CAP.	2200μF 6.3V M
C1392	NDC21HJ-680X	C CAP.	68pF 50V J
C1396-98	NCB21HK-104X	CHIP CAP.	0.1μF 50V K
C1403	QFLC2AJ-104Z	M CAP.	0.1μF 100V J
C1404	NCB21HK-104X	CHIP CAP.	0.1μF 50V K
C1405	NDC21HJ-820X	C CAP.	82pF 50V J
C1406	QETM1VM-108	E CAP.	1000μF 35V M
C1408	QETM1VM-337Z	E CAP.	330μF 35V M
C1409-10	QFV71HJ-474Z	MF CAP.	0.47μF 50V J
C1412	QFLC2AJ-104Z	M CAP.	0.1μF 100V J
C1417-18	QETN1CM-108Z	E CAP.	1000μF 16V M
C1419	NCB21HK-682X	C CAP.	6800pF 50V K
C1461	QETN1HM-226Z	E CAP.	22μF 50V M
C1551-52	NCB21CK-224X	C CAP.	0.22μF 16V K
C1553	QETN1EM-476Z	E CAP.	47μF 25V M
C1554-55	NCB21CK-224X	C CAP.	0.22μF 16V K
C1601-02	QDC21HJ-2R0Z	C CAP.	2.0pF 50V J
C1603-04	NCB21HK-103X	C CAP.	0.01μF 50V K
C1605-06	QETN1HM-106Z	E CAP.	10μF 50V M
C1607-08	NCF21EZ-104X	C CAP.	0.1μF 25V Z
C1609-12	QETN1HM-105Z	E CAP.	1μF 50V M
C1613-14	NDC21HJ-471X	C CAP.	470pF 50V J
C1615	NCF21EZ-104X	C CAP.	0.1μF 25V Z
C1616-18	QETN1HM-106Z	E CAP.	10μF 50V M
C1619	NCF21EZ-104X	C CAP.	0.1μF 25V Z
C1620	QETN1HM-106Z	E CAP.	10μF 50V M
C1621-24	NCB21HK-102X	C CAP.	1000pF 50V K
C1625-26	NDC21HJ-391X	C CAP.	390pF 50V J
C1627-28	NCB21HK-102X	C CAP.	1000pF 50V K
C1629	NCB21HK-103X	C CAP.	0.01μF 50V K
C1630	NCF21EZ-104X	C CAP.	0.1μF 25V Z
C1631	QETN1CM-107Z	E CAP.	100μF 16V M
C1632	NCF21EZ-104X	C CAP.	0.1μF 25V Z
C1643	QETN1HM-105Z	E CAP.	1μF 50V M

△	Symbol No.	Part No.	Part Name	Description		
CAPACITOR						
C1644-45	NDC21HJ-470X	C CAP.	47pF	50V	J	
C1646	NDC21HJ-820X	C CAP.	82pF	50V	J	
C1647	NCB21HK-472X	C CAP.	4700pF	50V	K	
C1648	NDC21HJ-180X	C CAP.	18pF	50V	J	
C1651-53	QETN1HM-105Z	E CAP.	1μF	50V	M	
C1654	QETN1HM-107Z	E CAP.	100μF	50V	M	
C1655	QETN1HM-106Z	E CAP.	10μF	50V	M	
C1656-57	NCF21HZ-224X	C CAP.	0.22μF	50V	Z	
C1658	QETN1HM-228	E CAP.	2200μF	50V	M	
C1659-62	NCF21HZ-224X	C CAP.	0.22μF	50V	Z	
C1663-65	QETN1VM-108	E CAP.	1000μF	35V	M	
C1667	QETN1CM-227Z	E CAP.	220μF	16V	M	
C1668-69	QETN1HM-105Z	E CAP.	1μF	50V	M	
C1670	QETN1HM-106Z	E CAP.	10μF	50V	M	
C1671	QETN1EM-476Z	E CAP.	47μF	25V	M	
C1672	NDC21HJ-100X	C CAP.	10pF	50V	J	
C1673	QETN1HM-105Z	E CAP.	1μF	50V	M	
C1674	NDC21HJ-100X	C CAP.	10pF	50V	J	
C1675	QETN1HM-105Z	E CAP.	1μF	50V	M	
C1679	QETN1HM-106Z	E CAP.	10μF	50V	M	
C1680-81	NCB21HJ-221X	C CAP.	220pF	50V	J	
C1682	QETN1CM-227Z	E CAP.	220μF	16V	M	
C1701	NCB21HJ-471X	C CAP.	470pF	50V	J	
C1702	NCB21HK-682X	C CAP.	6800pF	50V	K	
C1703	NCB21HK-104X	CHIP CAP.	0.1μF	50V	K	
C1704	QETN1AM-107Z	E CAP.	100μF	10V	M	
C1705-06	NCB21HJ-9R0X	C CAP.	9.0pF	50V	J	
C1707	NCB21HK-104X	CHIP CAP.	0.1μF	50V	K	
C1708	NCB21HK-333X	C CAP.	0.033μF	50V	K	
C1709	NCB21HK-104X	CHIP CAP.	0.1μF	50V	K	
C1710	QETN1EM-476Z	E CAP.	47μF	25V	M	
C1711	NCB21HK-104X	CHIP CAP.	0.1μF	50V	K	
C1712	NCB21HK-333X	C CAP.	0.033μF	50V	K	
C1713	NCB21HK-104X	CHIP CAP.	0.1μF	50V	K	
C1714	QETN1HM-474Z	E CAP.	0.47μF	50V	M	
C1715	QETN1EM-476Z	E CAP.	47μF	25V	M	
C1717	QETN1HM-106Z	E CAP.	10μF	50V	M	
C1718	NCB21HJ-471X	C CAP.	470pF	50V	J	
C1719	NCF21CZ-105X	C CAP.	1μF	16V	Z	
C1720	NCB21HK-102X	C CAP.	1000pF	50V	K	
C1757	NCS21HJ-471X	C CAP.	470pF	50V	J	
C1758	QETN1AM-227Z	E CAP.	220μF	10V	M	
C1759	NCB21HK-104X	CHIP CAP.	0.1μF	50V	K	
C1760-61	NCB21HJ-150X	C CAP.	15pF	50V	J	
C1762	NCB21HK-104X	CHIP CAP.	0.1μF	50V	K	
C1763	QETN1EM-476Z	E CAP.	47μF	25V	M	
C1764	NCB21HK-104X	CHIP CAP.	0.1μF	50V	K	
C1766-68	NCB21HK-104X	CHIP CAP.	0.1μF	50V	K	
C1769-71	QETN1HM-106Z	E CAP.	10μF	50V	M	
C1772	QETN1EM-476Z	E CAP.	47μF	25V	M	
C1773	QETN1CM-107Z	E CAP.	100μF	16V	M	
C1774	NDC21HJ-151X	C CAP.	150pF	50V	J	
C1780	NCB21HK-104X	CHIP CAP.	0.1μF	50V	K	
C1781	NDC21HJ-101X	C CAP.	100pF	50V	J	
C1782	NCB21HK-102X	C CAP.	1000pF	50V	K	
C1783	NDC21HJ-151X	C CAP.	150pF	50V	J	
C1784	QETN1CM-227Z	E CAP.	220μF	16V	M	
C1785	NCB21HK-102X	C CAP.	1000pF	50V	K	
C1901	QETN1CM-107Z	E CAP.	100μF	16V	M	
C1902	QETN1HM-106Z	E CAP.	10μF	50V	M	

TRANSFORMER			
T1101	CE42697-001	LOWPASS FILTER	
T1111	CE42697-001	LOWPASS FILTER	
T1121	CE42697-001	LOWPASS FILTER	

COIL			
L1001-02	QQL01BK-8R2Z	PEAKING COIL	8.2μH
L1003	QQL01BK-221Z	PEAKING COIL	220μH
L1004	QQL01BK-5R6Z	PEAKING COIL	5.6μH

△	Symbol No.	Part No.	Part Name	Description		
COIL						
L1101	QRN143J-0ROX	C R	0.0Ω	1/4W	J	
L1102-05	QQL03BJ-220Z	PEAKING COIL	22μH			
L1111	QQL03BJ-220Z	PEAKING COIL	22μH			
L1121	QQL03BJ-330Z	PEAKING COIL	33μH			
L1301	QQL01BK-390Z	PEAKING COIL	39μH			
L1302	NQL024J-5R6X	COIL	5.6μH			
L1601-02	QRN143J-0ROX	C R	0.0Ω	1/4W	J	
L1604	QQL01BJ-180Z	PEAKING COIL	18μH			
L1605	QQL01BJ-220Z	PEAKING COIL	22μH			
L1701	QQL01BK-4R7Z	PEAKING COIL	4.7μH			
L1702	QQL01BK-3R9Z	PEAKING COIL	3.9μH			
L1752	QRN143J-0ROX	C R	0.0Ω	1/4W	J	
L1753	QQL01BK-4R7Z	PEAKING COIL	4.7μH			
DIODE						
D1201-11	MA3130/H/-X	ZENER DIODE				
D1214-15	MA3130/H/-X	ZENER DIODE				
D1402	BYD33D-T3	SI.DIODE				
D1403-04	MA3330/L/-X	ZENER DIODE				
D1461	MA111-X	SI.DIODE				
D1462	MA3220/M/-X	ZENER DIODE				
D1502	MA111-X	SI.DIODE				
D1504	MA111-X	SI.DIODE				
D1653-55	MA3330/L/-X	ZENER DIODE				
D1658	MA153A-X	SI.DIODE				
D1660	MA111-X	SI.DIODE				
D1661	MA153A-X	SI.DIODE				
D1664-65	MA111-X	SI.DIODE				
D1666	MA3062/M/-X	ZENER DIODE				
D1667-68	MA3150/M/-X	ZENER DIODE				
D1701-02	MA111-X	SI.DIODE				
D1704	1SS244-T2	SI.DIODE				
D1708	MA111-X	SI.DIODE				
D1709	MA3068/M/-X	ZENER DIODE				
D1712	MA111-X	SI.DIODE				
D1751-53	MA111-X	SI.DIODE				
D1754	MA3062/M/-X	ZENER DIODE				
D1771-74	MA3056/M/-X	ZENER DIODE				
D1901	MA3130/H/-X	ZENER DIODE				
TRANSISTOR						
Q1101-04	2SC2412K/QR/-X	SI.TRANSISTOR				
Q1111	2SC2412K/QR/-X	SI.TRANSISTOR				
Q1112	2SA1037AK/QR/-X	SI.TRANSISTOR				
Q1113-14	2SC2412K/QR/-X	SI.TRANSISTOR				
Q1121	2SC2412K/QR/-X	SI.TRANSISTOR				
Q1122	2SA1037AK/QR/-X	SI.TRANSISTOR				
Q1123-24	2SC2412K/QR/-X	SI.TRANSISTOR				
Q1131-32	2SC2412K/QR/-X	SI.TRANSISTOR				
Q1201-02	2SC2712/YG/-X	SI.TRANSISTOR				
Q1203	2SC1815/YG/-T	SI.TRANSISTOR				
Q1204-05	2SC2712/YG/-X	SI.TRANSISTOR				
Q1206-07	DTC323TK-X	DIGI.TRANSISTOR				
Q1208	2SA1162/YG/-X	SI.TRANSISTOR				
Q1209	2SA1015/YG/-T	SI.TRANSISTOR				
Q1211	2SA1162/YG/-X	SI.TRANSISTOR				
Q1213-14	2SC2712/YG/-X	SI.TRANSISTOR				
Q1215-16	DTC323TK-X	DIGI.TRANSISTOR				
Q1217	2SA1162/YG/-X	SI.TRANSISTOR				
Q1220-21	2SC2712/YG/-X	SI.TRANSISTOR				
Q1301	2SA1162/YG/-X	SI.TRANSISTOR				
Q1303-04	2SA1162/YG/-X	SI.TRANSISTOR				
Q1305	2SC2712/YG/-X	SI.TRANSISTOR				
Q1345	DTC124EKA-X	DIGI.TRANSISTOR				
Q1346	2SC2712/YG/-X	SI.TRANSISTOR				
Q1351	DTC124EKA-X	DIGI.TRANSISTOR				
Q1381-83	2SC2712/YG/-X	SI.TRANSISTOR				
Q1461-62	2SC2712/YG/-X	SI.TRANSISTOR				
Q1601	DTC323TK-X	DIGI.TRANSISTOR				
Q1602	2SA1162/YG/-X	SI.TRANSISTOR				
Q1603	2SC2712/YG/-X	SI.TRANSISTOR				
Q1654-56	DTC323TK-X	DIGI.TRANSISTOR				
Q1657	2SC2712/YG/-X	SI.TRANSISTOR				

△	Symbol No.	Part No.	Part Name	Description
TRANSISTOR				
	Q1658-60	2SA1162/YG/-X	SI.TRANSISTOR	
	Q1701-08	2SC2712/YG/-X	SI.TRANSISTOR	
	Q1709	2SA1162/YG/-X	SI.TRANSISTOR	
	Q1752	2SA1162/YG/-X	SI.TRANSISTOR	
	Q1753	DTC124EKA-X	DIGI.TRANSISTOR	
	Q1901	2SA1162/YG/-X	SI.TRANSISTOR	
	Q1902	2SC2712/YG/-X	SI.TRANSISTOR	
IC				
	IC1101	TC9090AN	I.C.(DIGI-MOS)	
	IC1301	CXA1545AS	I.C.(MONO-ANA)	
	IC1302	LA7222	I.C.(MONO-ANA)	
	IC1303	TD49143/N3	I.C.(MONO-ANA)	
	IC1304	TD4665/V5	I.C.(MONO-ANA)	
	IC1305	LA7016	I.C.(MONO-ANA)	
	IC1401	LA7841	I.C.(MONO-ANA)	
	IC1551	LA6515	I.C.(MONO-ANA)	
	IC1601	MSP3410D-PP-C5	I.C.(DIGI-OTHER)	
	IC1651	TA8256BH	I.C.(HYBRID)	
	IC1652	BA4558F-X	I.C.(MONO-ANA)	
	IC1701	M37280MK-120SP	I.C.(MICRO-COMP)	
	IC1702	L78LR05E-MA	I.C.(MONO-ANA)	
	IC1703	AT24C1632WFP1	I.C.	(SERVICE)
	IC1754	SDA5275S	I.C.(MICRO-PROC)	
	IC1755	MSM514400D-60ZS	I.C.(D-RAM)	
	IC1756	TC4053BP/N/	I.C.(DIGI-MOS)	
OTHERS				
	CN1002	QGF1220C2-25	FFC/FPC CONNECTO	
	K1001	QRN143J-0R0X	C R	0.0Ω 1/4W J
	K1009	QRN143J-0R0X	C R	0.0Ω 1/4W J
	K1101	QQR0621-002Z	BEADS CORE	
	K1401	QQR0621-002Z	BEADS CORE	
	K1701	QQR0621-002Z	BEADS CORE	
	LC1101	TA78L005AP-T	I.C.(H)	
	LC1601	CE42142-103Z	EMI FILTER	
	TU1001	CEEK481-A04	TUNER	
	W1001-02	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
	X1311	CE40749-001Z	CRYSTAL	
	X1312	CE40668-001Z	CRYSTAL	
	X1601	CE42546-001Z	CRYSTAL	
	X1701	CST8.00MTW	CER.RESONATOR	
	X1752	QAX0351-001Z	CRYSTAL	
	Y1306	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
	Y1312-13	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
	Y1314	NRSA02J-682X	MG R	6.8kΩ 1/10W J
	Y1315-17	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
	Y1328	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
	Y1401	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
	Y1502-05	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
	Y1651-52	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
	Y1654	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
	Y1659-60	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
	Y1750-51	NRSA02J-0R0X	MG R	0.0Ω 1/10W J

POWER / DEF PW BOARD ASS'Y (SMD-2008A-U2)

△	Symbol No.	Part No.	Part Name	Description
RESISTOR				
	R2451	QRE141J-272Y	C R	2.7kΩ 1/4W J
	R2455	QRE141J-102Y	C R	1kΩ 1/4W J
	R2456	QRE141J-473Y	C R	47kΩ 1/4W J
	R2457	QRE141J-103Y	C R	10kΩ 1/4W J
	R2458	QRA14CF-1002Y	MF R	10kΩ 1/4W F
	R2459	QRE141J-391Y	C R	390Ω 1/4W J
	R2461	QRE141J-102Y	C R	1kΩ 1/4W J
	R2463	QRG029J-820	OM R	82 Ω 2W J
	R2464	QRX016J-2R2	MF R	2.2Ω 1W J
	R2465	QRE141J-103Y	C R	10kΩ 1/4W J
	R2468	QRE141J-473Y	C R	47kΩ 1/4W J
	R2470	QRE141J-103Y	C R	10kΩ 1/4W J
	R2501	QRE141J-471Y	C R	470Ω 1/4W J
	R2502	QRE141J-123Y	C R	12kΩ 1/4W J
	R2503	QRE121J-152Y	C R	1.5kΩ 1/2W J
	R2504	QRG039J-272	OM R	2.7kΩ 3W J
	R2505	QRG039J-332	OM R	3.3kΩ 3W J
	R2506	QRE121J-5R6Y	C R	5.6Ω 1/2W J
	R2507	QRC121K-152Z	COMP.R	1.5kΩ 1/2W K
	R2509	QRE141J-563Y	C R	56kΩ 1/4W J
	R2510	QRE141J-333Y	C R	33kΩ 1/4W J
	R2511	QRE141J-102Y	C R	1kΩ 1/4W J
	R2522	QRE121J-471Y	C R	470Ω 1/2W J
△	R2551	QRZ9017-4R7	F R	4.7Ω 1/4W J
△	R2552	QRZ9021-1R0	FUSI.RESISTOR	1 Ω 1W J
△	R2553	QRZ9021-1R0	FUSI.RESISTOR	1 Ω 1W J
	R2554-55	QRE141J-392Y	C R	3.9kΩ 1/4W J
	R2557	QRE121J-272Y	C R	2.7kΩ 1/2W J
	R2561	QRZ0056-103Z	COMP.R	10kΩ 1/2W K
	R2574	QRG029J-220	OM R	22 Ω 2W J
	R2575	QRE121J-123Y	C R	12kΩ 1/2W J
	R2581	QRF154K-4R7	UNF R	4.7Ω 15W K
	R2582	QRE141J-681Y	C R	680Ω 1/4W J
	R2583	QRE121J-682Y	C R	6.8kΩ 1/2W J
	R2584	QRE141J-183Y	C R	18kΩ 1/4W J
	R2585	QRE141J-222Y	C R	2.2kΩ 1/4W J
	R2586	QRA14CF-7501Y	MF R	7.5kΩ 1/4W F
	R2587	QRA14CF-2201Y	MF R	2.2kΩ 1/4W F
	R2588	QRE141J-103Y	C R	10kΩ 1/4W J
	R2901	QRF104K-3R9	UNF R	3.9Ω 10W K
	R2902	QRE121J-331Y	C R	330Ω 1/2W J
	R2903-04	QRE121J-474Y	C R	470kΩ 1/2W J
	R2905	QRLO39J-823	OM R	82kΩ 3W J
	R2906	QRG039J-683	OM R	68kΩ 3W J
△	R2907	QRZ9017-4R7	F R	4.7Ω 1/4W J
	R2908	QRE121J-152Y	C R	1.5kΩ 1/2W J
	R2909	QRT029J-R39	MF R	0.39Ω 2W J
	R2910	QRM059J-R15	MP R	0.15Ω 5W J
	R2911	QRE121J-681Y	C R	680Ω 1/2W J
	R2912	QRE121J-332Y	C R	3.3kΩ 1/2W J
	R2913	QRLO39J-823	OM R	82kΩ 3W J
	R2923	QRE121J-102Y	C R	1kΩ 1/2W J
	R2951	QRF074J-102	UNF R	1kΩ 7W J
	R2952	QRG029J-103	OM R	10kΩ 2W J
	R2953	QRG029J-183	OM R	18kΩ 2W J
	R2954	QRE141J-330Y	C R	33Ω 1/4W J
	R2955	QRE141J-681Y	C R	680Ω 1/4W J
	R2956	QRX029J-R47	MF R	0.47 Ω 2W J
	R2957	QRG029J-100	OM R	10 Ω 2W J
	R2960	QRE141J-153Y	C R	15kΩ 1/4W J
	R2961	QRE141J-182Y	C R	1.8kΩ 1/4W J
	R2962	QRE141J-153Y	C R	15kΩ 1/4W J
	R2963	QRE141J-682Y	C R	6.8kΩ 1/4W J
	R2968	QRE141J-103Y	C R	10kΩ 1/4W J
	R2969	QRE141J-682Y	C R	6.8kΩ 1/4W J
	R2970	QRE141J-822Y	C R	8.2kΩ 1/4W J
	R2971	QRE141J-682Y	C R	6.8kΩ 1/4W J
	R2983	QRE141J-122Y	C R	1.2kΩ 1/4W J
	R2984	QRE141J-104Y	C R	100kΩ 1/4W J
	R2985-86	QRE141J-103Y	C R	10kΩ 1/4W J
	R2987	QRE121J-680Y	C R	68Ω 1/2W J
△	R2991	QRZ0057-825	C R	8.2MΩ 1W J

△	Symbol No.	Part No.	Part Name	Description	△	Symbol No.	Part No.	Part Name	Description
CAPACITOR									
C2451	QCS31HJ-470Z	C CAP.	47pF	50V J	T2501	QQR1111-001	DRIVE TRANSF.		
C2452	QFV1HJ-104Z	MF CAP.	0.1μF	50V J	T2521	QQR0706-001	PINC.TRANSF.		
C2453	QETN1EM-476Z	E CAP.	47μF	25V M	△ T2551	QOH0054-002-I2	HVT	(SERVICE)	
C2454	QETN1HM-106Z	E CAP.	10μF	50V M	T2561	QQR1096-001	DEF.TRANSF.		
C2455	QFLC1HJ-102Z	M CAP.	1000pF	50V J	△ T2901	CETSL29-001J4	SW TRANSF.		
C2456	QFM72DJ-122Z	M CAP.	1200pF	200V J	△ T2921	QQT0147-001	POWER TRANSF.		
C2457	QFM72DJ-152Z	M CAP.	1500pF	200V J					
C2458	QEZO472-106Z	E CAP.	10μF	250V M					
C2459	QCZ0120-104Z	C CAP.	0.1μF	25V Z	TRANSFORMER				
C2460	QFP31HJ-272Z	PP CAP.	2700pF	50V J	T2501	QQR1111-001	DRIVE TRANSF.		
C2461	QFLC1HJ-182Z	M CAP.	1800pF	50V J	T2521	QQR0706-001	PINC.TRANSF.		
C2501	QCB32HK-331Z	C CAP.	330pF	500V K	△ T2551	QOH0054-002-I2	HVT	(SERVICE)	
C2502	QFM72DK-103	M CAP.	0.01μF	200V K	T2561	QQR1096-001	DEF.TRANSF.		
C2503	QFV71HJ-224Z	MF CAP.	0.22μF	50V J	△ T2901	CETSL29-001J4	SW TRANSF.		
△ C2521	QFZ0122-112	MPP CAP.	1100pF	1.8KVH ±3%	△ T2921	QQT0147-001	POWER TRANSF.		
△ C2522	QFZ0200-113	MPP CAP.	0.011μF	1.5KVH ±3%					
C2523	QFM72DK-393	M CAP.	0.039μF	200V K	COIL				
△ C2524	QFP32JJ-223	PP CAP.	0.022μF	J	L2451	QL43AJ-332	CHOKE COIL		
C2525	QFZ0194-914	MPP CAP.	0.91μF	250V J	L2452	QLZ020-801	CHOKE COIL		
C2526	QFZ0199-114	MPP CAP.	0.11μF	250V J	L2521	QLZ025-180	CHOKE COIL		
C2527	QFZ0194-154	MPP CAP.	0.15μF	250V J	L2522	QQR0961-001	LINEARITY COIL		
C2528	QFZ0199-114	MPP CAP.	0.11μF	250V J	L2551	QLZ026-540	HEATER CHOKE		
C2529	QCB32HK-561Z	C CAP.	560pF	500V K	L2561	QL43AJ-222	CHOKE COIL	2200μH	
C2530	QFZ0194-154	MPP CAP.	0.15μF	250V J	△ L2901-02	QL401K-100Z	CHOKE COIL		
C2532	QETM2CM-227	E CAP.	220μF	160V M	L2903	QQR1036-001	CHOKE COIL		
C2551	QCB32HK-152Z	C CAP.	1500pF	500V K	DIODE				
C2552	QETN1CM-108Z	E CAP.	1000μF	16V M	D2451	ISS133-T2	SI.DIODE		
C2553	QCB32HK-152Z	C CAP.	1500pF	500V K	D2454	BYD33D-T3	SI.DIODE		
C2554	QETN1CM-108Z	E CAP.	1000μF	16V M	D2501	ISS81-T5	SI.DIODE		
C2555	QENC1HM-225Z	BP E CAP.	2.2μF	50V M	D2502	ISS133-T2	SI.DIODE		
C2556	QCB32HK-102Z	C CAP.	1000pF	500V K	D2503	MTZJ15B-T2	ZENER DIODE		
C2557	QETN2EM-106Z	E CAP.	10μF	250V M	D2521	V11CA-C1	SI.DIODE		
C2565	QFLC2AJ-223Z	M CAP.	0.022μF	100V J	D2522	FMV-3FU-F1	SI.DIODE		
C2581	QETN1CM-107Z	E CAP.	100μF	16V M	D2551-52	BYW95B-20	SI.DIODE		
C2582	QETN1EM-476Z	E CAP.	47μF	25V M	D2553	BYD33G-T3	SI.DIODE		
C2583	QETN2AM-106Z	E CAP.	10μF	100V M	D2554	MTZJ4.7A-T2	ZENER DIODE		
C2584	QETN1AM-227Z	E CAP.	220μF	10V M	D2555-56	BYD33G-T3	SI.DIODE		
C2585	QFZ0194-534	MPP CAP.	0.53μF	250V J	D2581	MTZJ15B-T2	ZENER DIODE		
△ C2901	QFZ0904-473	MF CAP.	0.047μF	275V M	D2582	MTZJ7.5B-T2	ZENER DIODE		
△ C2902	QCZ9054-472	C CAP.	4700pF	AC250V Z	D2583	MTZJ7.5S-T2	ZENER DIODE		
△ C2903	QCZ9054-472	C CAP.	4700pF	AC250V Z	D2584	BYD33G-T3	SI.DIODE		
△ C2904	QCZ9054-472	C CAP.	4700pF	AC250V Z	△ D2901	D3SB60	BRIDGE DIODE		
C2905	QFZ0199-227	E CAP.	220μF	400V M	D2902	BYD33M-T3	SI.DIODE		
C2906	QCB32HK-103	C CAP.	0.01μF	500V K	△ D2903	BYD33D-T3	SI.DIODE		
C2907	QZC0122-391	C CAP.	390pF	2kV K	D2904	BYD33D-T3	SI.DIODE		
C2908	QETN1HM-476Z	E CAP.	47μF	50V M	D2905	ISS133-T2	SI.DIODE		
C2909	QCB31HK-102Z	C CAP.	1000pF	50V K	D2907	MTZJ15B-T2	ZENER DIODE		
C2910	QZC0122-561	C CAP.	560pF	2kV K	D2921-24	1N4003-T2	SI.DIODE		
C2912	QCB31HK-561Z	C CAP.	560pF	50V K	D2925	MTZJ10B-T2	ZENER DIODE		
C2921	QETN1EM-227Z	E CAP.	220μF	25V M	D2951	RU4B-F1	SI.DIODE		
C2922-23	QETN1HM-106Z	E CAP.	10μF	50V M	D2953	FMX-G12S	SI.DIODE		
C2951	QEZ0203-227	E CAP.	220μF	160V M	D2954	BYW95B-20	SI.DIODE		
C2952	QEHQ1CM-228	E CAP.	2200μF	16V M	D2955	SF6L20U	SI.DIODE		
C2953-54	QEHQ1CM-228	E CAP.	2200μF	16V M	D2956-57	FMX-G12S	SI.DIODE		
C2955	QEHR1CM-477Z	E CAP.	470μF	16V M	D2958	BYD33M-T3	SI.DIODE		
C2956	QEHQ1VM-228	E CAP.	2200μF	35V M	D2959	RK44-LFT4	SI.DIODE		
C2957-58	QETM1EM-338	E CAP.	3300μF	25V M	D2960	MTZJ33B-T2	ZENER DIODE		
C2959-60	QCB32HK-102Z	C CAP.	1000pF	500V K	D2961-62	ISS133-T2	SI.DIODE		
C2966	QFLC1HJ-103Z	M CAP.	0.01μF	50V J	D2964-66	ISS133-T2	SI.DIODE		
C2967	QEHQ1CM-228	E CAP.	2200μF	16V M	D2981-82	ISS133-T2	SI.DIODE		
C2968	QCZ0120-104Z	C CAP.	0.1μF	25V Z	TRANSISTOR				
C2970	QEHR1CM-227Z	E CAP.	220μF	16V M	Q2452	2SK2459N-F54	F.E.T.		
C2972-73	QEHR1AM-477Z	E CAP.	470μF	10V M	Q2501	BSN304-T	F.E.T.		
C2974-75	QEZO256-128	E CAP.	1200μF	10V M	Q2502	2SC1815/YG/-T	SI.TRANSISTOR		
C2976	QETN1AM-227Z	E CAP.	220μF	10V M	△ Q2521	2SC5552-RL	SI.TRANSISTOR	H.OUT	
C2977	QFV71HJ-684Z	MF CAP.	0.68μF	50V J	Q2581	2SA949/Y/Z1-T	SI.TRANSISTOR		
C2978	QCZ0122-471	C CAP.	470pF	2kV K	Q2582	DTC144ESA-T	DIGI.TRANSISTOR		
△ C2991	QCZ9079-332	C CAP.	3300pF	AC250V K	Q2583	2SC1815/YG/-T	SI.TRANSISTOR		
△ C2992	QCZ9079-471	C CAP.	470pF	AC250V K	Q2921	2SC2655/Y-T	SI.TRANSISTOR		
					Q2981-82	2SC1815/YG/-T	SI.TRANSISTOR		

△	Symbol No.	Part No.	Part Name	Description
IC				
IC2451	BA10393	IC		
IC2901	STR-F6668B	IC		
IC2951	SE140N	I.C. (HYBRID)		
IC2952	BA12T	I.C. (MONO-ANA)		
IC2953	SI-8050S	I.C. (HYBRID)		
IC2954	BA033T	I.C. (MONO-ANA)		
IC2955	UPC2409AHF	I.C. (MONO-ANA)		
IC2956	BA08T	IC		

OTHERS

△	Symbol No.	Part No.	Part Name	Description
△	CP2953	ICP-N75-Y	I.C. PROTECT	
△	CP2954	QMFZ034-4R0Z-J1	FUSE	4A
△	CP2955	QMFZ034-4R0Z-J1	FUSE	4A
K2521	CE41832-001	LEAD CORE		
K2523-25	CE41832-001	LEAD CORE		
K2901-02	CE42050-001Z	CORE		
K2951	QQR0679-001	FERRITE BEADS		
K2952	QQR0621-002Z	BEADS CORE		
K2953	QQR0716-001Z	LEAD CORE		
△	PC2901	TLT721F(D4-GR)	I.C. (PH.COUPLER)	
△	RY2981	QSK0086-001	RELAY	
△	TH2901	QAD0120-9R0	P.THERMISTOR	

CRT SOCKET PW BOARD ASS'Y (SMD-3005A-U2)

△	Symbol No.	Part No.	Part Name	Description
RESISTOR				
R3101	QRE141J-272Y	C R	2.7kΩ 1/4W J	
R3102	QRE141J-153Y	C R	15kΩ 1/4W J	
R3103	QRE141J-152Y	C R	1.5kΩ 1/4W J	
R3104	QRE141J-680Y	C R	68Ω 1/4W J	
R3105	QRE141J-221Y	C R	220Ω 1/4W J	
R3107-08	QRE141J-470Y	C R	47Ω 1/4W J	
△	R3109	QRZ9021-561	F R	560Ω 1W J
R3110	QRE141J-122Y	C R	1.2kΩ 1/4W J	
R3111	QRE141J-390Y	C R	39Ω 1/4W J	
R3112	QRE141J-2R7Y	C R	2.7Ω 1/4W J	
R3113-14	QRE141J-563Y	C R	56kΩ 1/4W J	
R3115	QRE141J-122Y	C R	1.2kΩ 1/4W J	
R3116	QRE141J-2R7Y	C R	2.7Ω 1/4W J	
R3117	QRE141J-390Y	C R	39Ω 1/4W J	
R3118	QRE141J-121Y	C R	120Ω 1/4W J	
R3119	QRL029J-391	OM R	390Ω 2W J	
R3130	QRE141J-101Y	C R	100Ω 1/4W J	
R3131	QRG01GJ-101	OM R	100Ω 1W J	
R3204-06	QRE141J-152Y	C R	1.5kΩ 1/4W J	
R3207	QRE141J-562Y	C R	5.6kΩ 1/4W J	
R3208	QRE141J-123Y	C R	12kΩ 1/4W J	
R3211	QRE141J-334Y	C R	330kΩ 1/4W J	
R3223-25	QRE141J-182Y	C R	1.8kΩ 1/4W J	
R3227	QRE141J-272Y	C R	2.7kΩ 1/4W J	
R3228	QRE141J-822Y	C R	8.2kΩ 1/4W J	
R3229-31	QRG01GJ-823	OM R	82kΩ 1W J	
R3232-34	QRE141J-332Y	C R	3.3kΩ 1/4W J	
R3235-37	QRC121K-152Z	COMP.R	1.5kΩ 1/2W K	
R3239	QRZ0107-474Z	C R	470kΩ 1/2W K	
R3241	QRZ0107-105Z	C R	1MΩ 1/2W K	
R3301-02	QRE121J-474Y	C R	470kΩ 1/2W J	
R3303-04	QRE141J-223Y	C R	22kΩ 1/4W J	
R3305	QRE141J-562Y	C R	5.6kΩ 1/4W J	

△	Symbol No.	Part No.	Part Name	Description
RESISTOR				
R3306	QRE141J-392Y	C R	3.9kΩ 1/4W J	
R3307	QRE141J-101Y	C R	100Ω 1/4W J	
R3308	QRE141J-471Y	C R	470Ω 1/4W J	
R3309	QRE141J-120Y	C R	12Ω 1/4W J	
R3310	QRE141J-331Y	C R	330Ω 1/4W J	
R3311-12	QRE141J-472Y	C R	4.7kΩ 1/4W J	
R3313	QRE141J-102Y	C R	1kΩ 1/4W J	

CAPACITOR

C3101	QETN1HM-106Z	E CAP.	10μF 50V M
C3103	QETN1HM-335Z	E CAP.	3.3μF 50V M
C3104	QETN1CM-107Z	E CAP.	100μF 16V M
C3107	QETN2CM-106Z	E CAP.	10μF 160V M
C3108-09	QCB32HK-472Z	C CAP.	4700pF 500V K
C3110	QETN2CM-106Z	E CAP.	10μF 160V M
C3111-12	QETN1AM-107Z	E CAP.	100μF 10V M
C3113	QETN1AM-337Z	E CAP.	330μF 10V M
C3118	QENC1HM-106Z	BP E CAP.	10μF 50V M
C3201-03	QCS31HJ-8R0Z	C CAP.	8.0pF 50V J
C3204	QCZ0120-104Z	C CAP.	1Ω 25V Z
C3205	QCZ0120-104Z	C CAP.	1Ω 25V Z
C3206	QCZ0120-104Z	C CAP.	1Ω 25V Z
C3207-09	QETN1EM-476Z	E CAP.	47μF 25V M
C3210-12	QFK62EK-104Z	MM CAP.	0.14μF 250V K
C3213-15	QCS31HJ-181Z	C CAP.	180pF 50V J
C3216	QETN1CM-107Z	E CAP.	100μF 16V M
C3218	QETM2EM-336	E CAP.	33μF 250V M
C3219	QFZ0097-223	MM CAP.	0.022μF 1250V K
C3221	QETN2EM-106Z	E CAP.	10μF 250V M
C3301	QETN1CM-107Z	E CAP.	100μF 16V M
C3302	QFLC1HJ-103Z	M CAP.	0.01μF 50V J

COIL

L3201-03	QLQ01BK-4R7Z	PEAKING COIL	4.7μH
L3301	QLL26AJ-102Z	PEAKING COIL	1000μH

DIODE

D3101-02	RH1S-T3	SI.DIODE
D3151	ISS133-T2	SI.DIODE
D3204-06	EU01N-T2	SI.DIODE
D3208-10	1SR124-400A-T2	SI.DIODE
D3301-03	ISS133-T2	SI.DIODE

TRANSISTOR

Q3102	2SC3311A/QR/-T	SI.TRANSISTOR
Q3103	2SC1627A/OY/-T	SI.TRANSISTOR
Q3105	2SA1837	SI.TRANSISTOR
Q3106	2SC4793	SI.TRANSISTOR
Q3301	2SA1015/YG/-T	SI.TRANSISTOR
Q3302	2SC2655/Y/-T	SI.TRANSISTOR
Q3303	2SA1015/YG/-T	SI.TRANSISTOR
Q3304-05	2SC3311A/QR/-T	SI.TRANSISTOR

IC

IC3201-03	TDA6111Q	I.C. (MONO-ANA)
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OTHERS

K3101	CE41492-001Z	CHOKE COIL
K3103-04	CE41492-001Z	CHOKE COIL
K3105	QQR0621-002Z	BEADS CORE
△ SK3001	CE42670-001	C.R.T.SOCKET

AUDIO PW BOARD ASS'Y (SMD-6001A-U2)

△	Symbol No.	Part No.	Part Name	Description
RESISTOR				
R6101	QRN143J-2R2X	C R	2.2Ω 1/4W	J
R6102	QRE141J-562Y	C R	5.6kΩ 1/4W	J
R6103	QRE141J-223Y	C R	22kΩ 1/4W	J
R6104	QRE141J-681Y	C R	680Ω 1/4W	J
R6105-06	QRE141J-223Y	C R	22kΩ 1/4W	J
R6107	QRE141J-183Y	C R	18kΩ 1/4W	J
R6108	QRN143J-2R2X	C R	2.2Ω 1/4W	J
R6109	QRE141J-562Y	C R	5.6kΩ 1/4W	J
R6110	QRE141J-223Y	C R	22kΩ 1/4W	J
R6111	QRE141J-681Y	C R	680Ω 1/4W	J
R6112-13	QRE141J-223Y	C R	22kΩ 1/4W	J
R6114	QRE141J-183Y	C R	18kΩ 1/4W	J
R6115	QRN143J-103X	C R	10kΩ 1/4W	J
R6116	QRE141J-273Y	C R	27kΩ 1/4W	J
R6118-19	QRE141J-104Y	C R	100kΩ 1/4W	J
R6122-23	QRE141J-104Y	C R	100kΩ 1/4W	J
R6124	QRE141J-472Y	C R	4.7kΩ 1/4W	J
R6125-26	QRE141J-223Y	C R	22kΩ 1/4W	J
CAPACITOR				
C6101	QFV71HJ-684Z	MF CAP.	0.68μF	50V J
C6102-03	QETN1EM-228	E CAP.	2200μF	25V M
C6104	QETN1HM-476Z	E CAP.	47μF	50V M
C6105	QETN1HM-105Z	E CAP.	1μF	50V M
C6106	QETN1CM-107Z	E CAP.	100μF	16V M
C6108	QFV71HJ-684Z	MF CAP.	0.68μF	50V J
C6109-10	QFV71HJ-104Z	MF CAP.	0.1μF	50V J
C6111	QETN1HM-476Z	E CAP.	47μF	50V M
C6112	QETN1HM-105Z	E CAP.	1μF	50V M
C6113	QETN1CM-107Z	E CAP.	100μF	16V M
C6115-16	QFV71HJ-684Z	MF CAP.	0.68μF	50V J
C6123-24	QEZO206-335Z	BP E CAP.	33μF	50V M
C6125-26	QCS31HJ-181Z	C CAP.	1800pF	50V J
C6127	QFLC1HJ-103Z	M CAP.	0.01μF	50V J
DIODE				
D6101-04	MTZJ27B-T2	ZENER DIODE		
D6105	MTZJ5.1B-T2	ZENER DIODE		
D6107	1SS133-T2	SI.DIODE		
D6108	MA700A-T2	SI.DIODE		
D6110-11	1SS133-T2	SI.DIODE		
TRANSISTOR				
Q6101	DTC144ESA-T	DIGI.TRANSISTOR		
Q6102	2SA1015/YG/-T	SI.TRANSISTOR		
Q6104	2SA1015/YG/-T	SI.TRANSISTOR		
Q6105	DTC144ESA-T	DIGI.TRANSISTOR		
Q6106-07	DTC323TS-T	DIGI.TRANSISTOR		
IC				
IC6101-02	TDA2052V	I.C.(MONO-ANA)		
OTHERS				
K6001-02	CE41433-001Z	BEADS CORE		

**FRONT CONTROL PW BOARD ASSAY
(SMD-8008A-U2)**

△	Symbol No.	Part No.	Part Name	Description
RESISTOR				
R8001-02	QRE121J-151Y	C R	150Ω 1/2W	J
R8003	QRE141J-222Y	C R	2.2kΩ 1/4W	J
R8004	QRE141J-472Y	C R	4.7kΩ 1/4W	J
R8005	QRE141J-561Y	C R	560Ω 1/4W	J
R8007	QRE141J-103Y	C R	10kΩ 1/4W	J
R8008	QRE141J-682Y	C R	6.8kΩ 1/4W	J
R8009	QRE141J-105Y	C R	1MΩ 1/4W	J
R8010	QRE141J-183Y	C R	18kΩ 1/4W	J
R8011	QRE141J-123Y	C R	12kΩ 1/4W	J
R8012	QRE141J-273Y	C R	27kΩ 1/4W	J
R8013	QRE141J-332Y	C R	3.3kΩ 1/4W	J
R8014	QRE141J-123Y	C R	12kΩ 1/4W	J
R8020	QRE141J-562Y	C R	5.6kΩ 1/4W	J
R8035	QRE141J-391Y	C R	390Ω 1/4W	J
R8036-38	QRE141J-561Y	C R	560Ω 1/4W	J
R8039	QRE141J-821Y	C R	820Ω 1/4W	J
CAPACITOR				
C8001-02	QCB31HK-103Z	C CAP.	0.01μF	50V K
C8003	QETN1HM-106Z	E CAP.	10μF	50V M
C8004	QCZ0120-104Z	C CAP.	0.1μF	25V Z
C8005	QETN1EM-476Z	E CAP.	47μF	25V M
C8010-11	QCB31HK-472Z	C CAP.	4700pF	50V K
C8019	QETN1CM-107Z	E CAP.	100μF	16V M
C8021	QCZ0120-104Z	C CAP.	0.1μF	25V Z
C8022	QETN1EM-476Z	E CAP.	47μF	25V M
C8023	QCZ0120-104Z	C CAP.	0.1μF	25V Z
△ C8901	QFZ9040-474	MF CAP.	0.47μFAC275V	M
COIL				
L8001	QQR0716-001Z	LEAD CORE		
L8002-03	QLL211K-SR6Y	PEAKING COIL		
L8010-11	QLL211K-270Y	PEAKING COIL		
L8012	QQR0716-001Z	LEAD CORE		
DIODE				
D8007	P1241-04	C.D.S.		
D8008	1SS133-T2	SI.DIODE		
D8009	SLR-342MG-T16	L.E.D.(GRN)		
D8010	SPR-39MVWF	L.E.D.		
D8011	1SS133-T2	SI.DIODE		
D8012	SLR-342DU-T16	L.E.D.(ORG)		
D8013	SLR-342YY-T16	L.E.D.(YLW)		
D8014	MTZJ6.8A-T2	ZENER DIODE		
D8018	MTZJ5.1B-T2	ZENER DIODE		
TRANSISTOR				
Q8001	2SA1015/YG/-T	SI.TRANSISTOR		
Q8002	DTC144ESA-T	DIGI.TRANSISTOR		
Q8003-04	DTA144ESA-T	DIGI.TRANSISTOR		
Q8005-07	DTC144ESA-T	DIGI.TRANSISTOR		
IC				
IC8001	GP1U281Q	IFR DETECT UNIT		
OTHERS				
△ CN8002	CEMG002-001Z	FUSE CLIP		
△ F8901	LC30596-001B-C	L.E.D.HOLDER		
	CM35921-005-H	CDS HOLDER		
	QGF1220C2-25	FFC/FPC CONNECTO		
J8001	QMF51D2-3R15J1	FUSE JACK		
	QNS0155-001			3.15A

△	Symbol No.	Part No.	Part Name	Description
OTHERS				
J8003	QND0073-001	S JACK		
J8004	CEMNO11-001	JACK		
J8005	CEMNO11-002	JACK		
J8006	CEMNO11-003	JACK		
△ LF8901	QR1095-001	LINE FILTER		
△ LF8902	QR1095-001	LINE FILTER		
S8001	QSW0619-003Z	PUSH SWITCH	MENU	
S8002	QSW0619-003Z	PUSH SWITCH	CH DOWN	
S8003	QSW0619-003Z	PUSH SWITCH	CH UP	
△ S8901	QSW0824-001	PUSH SWITCH	MAIN POWER	

DOLBY PW BOARD ASS'Y (SM0D001A-U2)

△	Symbol No.	Part No.	Part Name	Description
RESISTOR				
R0101	NRSA02J-153X	MG R	15kΩ 1/10W J	
R0102	NRSA02J-683X	MG R	68kΩ 1/10W J	
R0103	NRSA02J-153X	MG R	15kΩ 1/10W J	
R0104	NRSA02J-683X	MG R	68kΩ 1/10W J	
R0105	NRSA02J-105X	MG R	1MΩ 1/10W J	
R0106-09	NRSA02J-271X	MG R	270Ω 1/10W J	
R0111	NRSA02J-102X	MG R	1kΩ 1/10W J	
R0112	NRSA02J-0R0X	MG R	0.0Ω 1/10W J	
R0113	NRSA02J-102X	MG R	1kΩ 1/10W J	
R0114	NRSA02J-0R0X	MG R	0.0Ω 1/10W J	
R0115	NRSA02J-102X	MG R	1kΩ 1/10W J	
R0201	NRSA02J-103X	MG R	10kΩ 1/10W J	
R0203	NRSA02J-103X	MG R	10kΩ 1/10W J	
R0204	NRSA02J-563X	MG R	56kΩ 1/10W J	
R0205	NRSA02J-103X	MG R	10kΩ 1/10W J	
R0207	NRSA02J-103X	MG R	10kΩ 1/10W J	
R0208	NRSA02J-563X	MG R	56kΩ 1/10W J	
R0209	NRSA02J-123X	MG R	12kΩ 1/10W J	
R0211	NRSA02J-123X	MG R	12kΩ 1/10W J	
R0212	NRSA02J-103X	MG R	10kΩ 1/10W J	
R0214-15	NRSA02J-104X	MG R	100kΩ 1/10W J	
R0216	NRSA02J-103X	MG R	10kΩ 1/10W J	
R0217	NRSA02J-123X	MG R	12kΩ 1/10W J	
R0219	NRSA02J-123X	MG R	12kΩ 1/10W J	
R0221	NRSA02J-104X	MG R	100kΩ 1/10W J	
R0222	NRSA02J-103X	MG R	10kΩ 1/10W J	
R0223	NRSA02J-153X	MG R	15kΩ 1/10W J	
R0225	NRSA02J-223X	MG R	22kΩ 1/10W J	
R0227	NRSA02J-104X	MG R	100kΩ 1/10W J	
R0228	NRSA02J-153X	MG R	15kΩ 1/10W J	
R0229	NRSA02J-223X	MG R	22kΩ 1/10W J	
R0231	NRSA02J-103X	MG R	10kΩ 1/10W J	
R0232-33	NRSA02J-122X	MG R	1.2kΩ 1/10W J	
R0301	NRSA02J-103X	MG R	10kΩ 1/10W J	
R0401	NRSA02J-102X	MG R	1kΩ 1/10W J	
R0402-03	NRSA02J-562X	MG R	5.6kΩ 1/10W J	
R0404	NRSA02J-102X	MG R	1kΩ 1/10W J	
R0431	NRSA02J-102X	MG R	1kΩ 1/10W J	
R0432-33	NRSA02J-562X	MG R	5.6kΩ 1/10W J	
R0434	NRSA02J-102X	MG R	1kΩ 1/10W J	
R0451	NRSA02J-273X	MG R	27kΩ 1/10W J	
R0452	NRSA02J-683X	MG R	68kΩ 1/10W J	
R0453	NRSA02J-0R0X	MG R	0.0Ω 1/10W J	
R0454	NRSA02J-473X	MG R	47kΩ 1/10W J	
R0455	NRSA02J-333X	MG R	33kΩ 1/10W J	
R0456-57	NRSA02J-473X	MG R	47kΩ 1/10W J	

△	Symbol No.	Part No.	Part Name	Description
RESISTOR				
R0458	NRSA02J-102X	MG R	1kΩ 1/10W J	
R0459	NRSA02J-223X	MG R	22kΩ 1/10W J	
R0460	NRSA02J-393X	MG R	39kΩ 1/10W J	
R0461	NRSA02J-273X	MG R	27kΩ 1/10W J	
R0462	NRSA02J-122X	MG R	1.2kΩ 1/10W J	
R0463	NRSA02J-273X	MG R	27kΩ 1/10W J	
R0464	NRSA02J-683X	MG R	68kΩ 1/10W J	
R0465	NRSA02J-0R0X	MG R	0.0Ω 1/10W J	
R0466	NRSA02J-473X	MG R	47kΩ 1/10W J	
R0467	NRSA02J-333X	MG R	33kΩ 1/10W J	
R0468-69	NRSA02J-473X	MG R	47kΩ 1/10W J	
R0470	NRSA02J-102X	MG R	1kΩ 1/10W J	
R0471	NRSA02J-223X	MG R	22kΩ 1/10W J	
R0472	NRSA02J-393X	MG R	39kΩ 1/10W J	
R0473	NRSA02J-273X	MG R	27kΩ 1/10W J	
R0474	NRSA02J-122X	MG R	1.2kΩ 1/10W J	
R0475	NRSA02J-123X	MG R	12kΩ 1/10W J	
R0476	NRSA02J-101X	MG R	100Ω 1/10W J	
R0477	NRSA02J-223X	MG R	22kΩ 1/10W J	
R0478	NRSA02J-101X	MG R	100Ω 1/10W J	
R0479	NRSA02J-223X	MG R	22kΩ 1/10W J	
R0480	NRSA02J-101X	MG R	100Ω 1/10W J	
R0481-82	NRSA02J-223X	MG R	22kΩ 1/10W J	
R0483	NRSA02J-183X	MG R	18kΩ 1/10W J	
R0484	NRSA02J-223X	MG R	22kΩ 1/10W J	
R0485-86	NRSA02J-103X	MG R	10kΩ 1/10W J	
R0491	NRSA02J-101X	MG R	100Ω 1/10W J	
R0492	NRSA02J-0R0X	MG R	0.0Ω 1/10W J	
R0501	NRSA02J-223X	MG R	22kΩ 1/10W J	
R0502	NRSA02J-332X	MG R	3.3kΩ 1/10W J	
R0503	NRSA02J-103X	MG R	10kΩ 1/10W J	
R0504	NRSA02J-104X	MG R	100kΩ 1/10W J	
R0505	NRSA02J-332X	MG R	3.3kΩ 1/10W J	
R0506	NRSA02J-122X	MG R	1.2kΩ 1/10W J	
R0507	NRSA02J-223X	MG R	22kΩ 1/10W J	
R0508	NRSA02J-103X	MG R	10kΩ 1/10W J	
R0509	NRSA02J-104X	MG R	100kΩ 1/10W J	
R0510-11	NRSA02J-681X	MG R	680Ω 1/10W J	
R0512-13	NRSA02J-223X	MG R	22kΩ 1/10W J	
R0514	NRSA02J-104X	MG R	100kΩ 1/10W J	
R0516	NRSA02J-103X	MG R	10kΩ 1/10W J	
R0517	NRSA02J-0R0X	MG R	0.0Ω 1/10W J	
R0518	NRSA02J-103X	MG R	10kΩ 1/10W J	
R0519	NRSA02J-0R0X	MG R	0.0Ω 1/10W J	
CAPACITOR				
C0101	NCF21EZ-104X	C CAP.	0.1μF 25V Z	
C0103	NDC21HJ-221X	C CAP.	220pF 50V J	
C0104	NEH71HM-475X	E CAP.	4.7μF 50V M	
C0105	NCF21EZ-104X	C CAP.	0.1μF 25V Z	
C0106-08	NEH71CM-476X	E CAP.	47μF 16V M	
C0109	NEH71HM-475X	E CAP.	4.7μF 50V M	
C0110	NDC21HJ-221X	C CAP.	220pF 50V J	
C0111-12	NDC21HJ-100X	C CAP.	10pF 50V J	
C0114-15	NEH71CM-476X	E CAP.	47μF 16V M	
C0116	NCF21EZ-104X	C CAP.	0.1μF 25V Z	
C0117-19	NEH71CM-476X	E CAP.	47μF 16V M	
C0120	NCF21EZ-104X	C CAP.	0.1μF 25V Z	
C0121-22	NEH71CM-476X	E CAP.	47μF 16V M	
C0123	NCF21EZ-104X	C CAP.	0.1μF 25V Z	
C0124-27	NDC21HJ-221X	C CAP.	220pF 50V J	
C0128	NEH71CM-476X	E CAP.	47μF 16V M	
C0129-33	NCF21EZ-104X	C CAP.	0.1μF 25V Z	
C0134	NEHE1CM-227X	E CAP.	220μF 16V M	
C0135	NCF21EZ-104X	C CAP.	0.1μF 25V Z	
C0137	NEHE1EM-107X	E CAP.	100μF 25V M	
C0138	NEH71CM-476X	E CAP.	47μF 16V M	
C0139	NEHE1CM-227X	E CAP.	220μF 16V M	
C0142	NCF21EZ-104X	C CAP.	0.1μF 25V Z	
C0144-45	NCF21EZ-104X	C CAP.	0.1μF 25V Z	

△ Symbol No.	Part No.	Part Name	Description
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CAPACITOR

C0146	NEHE1EM-107X	E CAP.	100μF 25V M
C0147	NCB21HK-102X	C CAP.	1000pF 50V K
C0148-49	NCB21HK-222X	C CAP.	2200pF 50V K
C0150	NEH71CM-106X	E CAP.	10μF 16V M
C0201-02	NCF21CZ-105X	C CAP.	1μF 16V Z
C0203	NEHE1EM-107X	E CAP.	100μF 25V M
C0204-05	NCF21CZ-105X	C CAP.	1μF 16V Z
C0208	NCF21CZ-105X	C CAP.	1μF 16V Z
C0209	NDC21HJ-470X	C CAP.	47pF 50V J
C0212	NDC21HJ-470X	C CAP.	47pF 50V J
C0213	NCF21CZ-105X	C CAP.	1μF 16V Z
C0214	NEHE1EM-107X	E CAP.	100μF 25V M
C0217	NCF21CZ-105X	C CAP.	1μF 16V Z
C0218	NDC21HJ-470X	C CAP.	47pF 50V J
C0219	NCF21CZ-105X	C CAP.	1μF 16V Z
C0220	NDC21HJ-470X	C CAP.	47pF 50V J
C0223-25	NEH71CM-476X	E CAP.	47μF 16V M
C0226-29	NRSA02J-OROX	MG R	0.0Ω 1/10W J
C0301	NEH71CM-476X	E CAP.	47μF 16V M
C0401	NEH71EM-226X	E CAP.	22μF 25V M
C0402	NEH71CM-476X	E CAP.	47μF 16V M
C0403-04	NCB21HK-272X	C CAP.	2700pF 50V K
C0405-06	NCF21CZ-105X	C CAP.	1μF 16V Z
C0407-10	NCF21EZ-104X	C CAP.	0.1μF 25V Z
C0431	NEH71EM-226X	E CAP.	22μF 25V M
C0432	NEH71CM-227X	E CAP.	220μF 16V M
C0433-34	NCB21HK-272X	C CAP.	2700pF 50V K
C0435	NCF21CZ-105X	C CAP.	1μF 16V Z
C0436-39	NCF21EZ-104X	C CAP.	0.1μF 25V Z
C0440	NCF21CZ-105X	C CAP.	1μF 16V Z
C0451	NCF21CZ-105X	C CAP.	1μF 16V Z
C0452	NDC21HJ-100X	C CAP.	10pF 50V J
C0453	NCB21HK-103X	C CAP.	0.01μF 50V K
C0454	NCB21EK-563X	C CAP.	0.056μF 25V K
C0456	NEHE1EM-107X	E CAP.	100μF 25V M
C0457	NCF21CZ-105X	C CAP.	1μF 16V Z
C0458	NCB21EK-563X	C CAP.	0.056μF 25V K
C0459	NEHE1EM-107X	E CAP.	100μF 25V M
C0460	NCB21HK-103X	C CAP.	0.01μF 50V K
C0461	NDC21HJ-100X	C CAP.	10pF 50V J
C0462	NCF21CZ-105X	C CAP.	1μF 16V Z
C0465-67	NCF21CZ-105X	C CAP.	1μF 16V Z
C0468	NEH71CM-476X	E CAP.	47pF 16V M
C0471-72	NCF21CZ-105X	C CAP.	1μF 16V Z
C0473	NCB21HK-821X	C CAP.	820pF 50V K
C0474	NDC21HJ-470X	C CAP.	47pF 50V J
C0475	NEH71CM-476X	E CAP.	47μF 16V M
C0476	NCF21CZ-105X	C CAP.	1μF 16V Z
C0479-80	NDC21HJ-820X	C CAP.	82pF 50V J
C0501-02	NCF21CZ-105X	C CAP.	1μF 16V Z
C0503-04	NDC21HJ-100X	C CAP.	10pF 50V J
C0505	NEH71CM-476X	E CAP.	47μF 16V M
C0506-07	NEH71HM-106X	E CAP.	10μF 50V M
C0508	NEH71CM-476X	E CAP.	47μF 16V M
C0701-02	NCB21HK-222X	C CAP.	2200pF 50V K

COIL

L0102-05	NQL02BJ-4R7X	COIL	4.7μH
L0701-02	NQL02BJ-100X	COIL	10μH

DIODE

D0201-02	MA3062/M-X	ZENER DIODE
D0451	MA111-X	SI DIODE
D0452	MA3062/M-X	ZENER DIODE
D0453	MA111-X	SI DIODE
D0454	MA3062/M-X	ZENER DIODE
D0501-02	MA3150/M-X	ZENER DIODE
D0503	MA3062/M-X	ZENER DIODE

△ Symbol No.	Part No.	Part Name	Description
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TRANSISTOR

Q0301	DTC144EKA-X	DIGI. TRANSISTOR
Q0451-52	DTC323TK-X	DIGI. TRANSISTOR
Q0453	DTC144EKA-X	DIGI. TRANSISTOR
Q0501	2SA1162/YG/-X	SI. TRANSISTOR
Q0502-03	DTC323TK-X	DIGI. TRANSISTOR

IC

IC0101	TC9471F	I.C. (DIGI-MOS)
IC0102	MN1382/0/-X	I.C. (MONO-ANA)
IC0201-03	BA4558F-X	I.C. (MONO-ANA)
IC0301	TC4052BF/N/-XE	I.C. (DIGI-MOS)
IC0401	TDA7315D	I.C. (DIGI-OTHER)
IC0431	TDA7315D	I.C. (DIGI-OTHER)
IC0451-53	BA4558F-X	I.C. (MONO-ANA)
IC0501	BA4558F-X	I.C. (MONO-ANA)

OTHERS

J0001	QNN0294-001	PIN JACK
J0002	QNB0006-002	PUSH TERMINAL
K0101-05	CE42681-001Y	BEADS CORE
LC0101-02	CE42482-103Y	EMI FILTER
X0101	NAX0288-001X	CRYSTAL

IF PW BOARD ASS'Y (SMD0F003A-U2)

△ Symbol No.	Part No.	Part Name	Description
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RESISTOR

R0020	NRSA02J-472X	MG R	4.7kΩ 1/10W J
R0021	NRSA02J-122X	MG R	1.2kΩ 1/10W J
R0022	NRSA02J-331X	MG R	330Ω 1/10W J
R0023	NRSA02J-680X	MG R	68Ω 1/10W J
R0024	NRSA02J-330X	MG R	33Ω 1/10W J
R0025	NRSA02J-682X	MG R	6.8kΩ 1/10W J
R0026	NRSA02J-222X	MG R	2.2kΩ 1/10W J
R0030-31	NRSA02J-150X	MG R	15Ω 1/10W J
R0050-51	NRSA02J-121X	MG R	120Ω 1/10W J
R0052-53	NRSA02J-561X	MG R	560Ω 1/10W J
R0057	NRSA02J-472X	MG R	4.7kΩ 1/10W J
R0058	NRSA02J-272X	MG R	2.7kΩ 1/10W J
R0059	NRSA02J-273X	MG R	27kΩ 1/10W J
R0060-61	NRSA02J-471X	MG R	470Ω 1/10W J
R0062	NRSA02J-102X	MG R	1kΩ 1/10W J
R0063	NRSA02J-822X	MG R	8.2kΩ 1/10W J
R0064	NRSA02J-OROX	MG R	0.0Ω 1/10W J
R0065	NRSA02J-470X	MG R	47Ω 1/10W J
R0070-71	NRSA02J-393X	MG R	39kΩ 1/10W J
R0080-81	NRSA02J-473X	MG R	47kΩ 1/10W J
R0082	NRSA02J-272X	MG R	2.7kΩ 1/10W J
R0101	NRSA02J-822X	MG R	8.2kΩ 1/10W J
R0102	NRSA02J-471X	MG R	470Ω 1/10W J
R0103	NRSA02J-102X	MG R	1kΩ 1/10W J
R0104	NRSA02J-121X	MG R	120Ω 1/10W J
R0105	NRSA02J-151X	MG R	150Ω 1/10W J
R0106	NRSA02J-181X	MG R	180Ω 1/10W J
R0107	NRSA02J-221X	MG R	220Ω 1/10W J
R0108	NRSA02J-102X	MG R	1kΩ 1/10W J
R0109	NRSA02J-181X	MG R	180Ω 1/10W J
R0111-12	NRSA02J-151X	MG R	150Ω 1/10W J
R0113	NRSA02J-391X	MG R	390Ω 1/10W J

△ Symbol No.	Part No.	Part Name	Description
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RESISTOR

R0114	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R0116	NRSA02J-102X	MG R	1kΩ 1/10W J
R0117	NRSA02J-332X	MG R	3.3kΩ 1/10W J
R0120	NRSA02J-222X	MG R	2.2kΩ 1/10W J
R0122-24	NRSA02J-103X	MG R	10kΩ 1/10W J
R0140	NRSA02J-474X	MG R	470kΩ 1/10W J
R0141	NRSA02J-101X	MG R	100Ω 1/10W J
R0142	NRSA02J-391X	MG R	390Ω 1/10W J
R0143	NRSA02J-750X	MG R	75Ω 1/10W J
R0144	NRSA02J-474X	MG R	470kΩ 1/10W J
R0145	NRSA02J-332X	MG R	3.3kΩ 1/10W J
R0146	NRSA02J-104X	MG R	100kΩ 1/10W J
R0601	NRSA02J-822X	MG R	8.2kΩ 1/10W J
R0602	NRSA02J-102X	MG R	1kΩ 1/10W J
R0603	NRSA02J-104X	MG R	100kΩ 1/10W J
R0604	NRSA02J-683X	MG R	68kΩ 1/10W J
R0605-06	NRSA02J-392X	MG R	3.9kΩ 1/10W J
R0607-08	NRSA02J-562X	MG R	5.6kΩ 1/10W J
△ R0609	QRZ9017-470	F R	47Ω 1/4W J

CAPACITOR

C0020-25	NCB21HK-472X	C CAP.	4700pF 50V K
C0026	NCB21HK-472X	C CAP.	4700pF 50V K
C0031-32	NCB21HK-472X	C CAP.	4700pF 50V K
C0040	NCB21HK-682X	C CAP.	6800pF 50V K
C0041	QETN1CM-107Z	E CAP.	100μF 16V M
C0042	NCB21HK-103X	C CAP.	0.01μF 50V K
C0043	QETN1CM-107Z	E CAP.	100μF 16V M
C0044	NCB21HK-103X	C CAP.	0.01μF 50V K
C0046	NCB21HK-103X	C CAP.	0.01μF 50V K
C0047	QETN1CM-227Z	E CAP.	220μF 16V M
C0050	QETN1HM-105Z	E CAP.	1μF 50V M
C0051	NCB21HK-472X	C CAP.	4700pF 50V K
C0053	NDC21HJ-6R0X	C CAP.	6.0pF 50V J
C0054	NCB21HK-103X	C CAP.	0.01μF 50V K
C0055	QETN1CM-107Z	E CAP.	100μF 16V M
C0056	QETN1HM-474Z	E CAP.	0.47μF 50V M
C0057	NDC21HJ-102X	C CAP.	1000pF 50V J
C0058	NCB21HK-472X	C CAP.	4700pF 50V K
C0060	NDC21HJ-120X	C CAP.	12pF 50V J
C0061	NDC21HJ-7R0X	C CAP.	7.0pF 50V J
C0062	QETN1HM-474Z	E CAP.	0.47μF 50V M
C0063	NCB21HK-103X	C CAP.	0.01μF 50V K
C0064	NCB21HK-472X	C CAP.	4700pF 50V K
C0065	QETN1HM-105Z	E CAP.	1μF 50V M
C0067	NDC21HJ-120X	C CAP.	12pF 50V J
C0069-70	NCB21HK-103X	C CAP.	0.01μF 50V K
C0071	QETN1HM-336Z	E CAP.	33μF 50V
C0080-81	NCB21HK-472X	C CAP.	4700pF 50V K
C0101	QETN1CM-476Z	E CAP.	47μF 16V M
C0102	NDC21HJ-221X	C CAP.	220pF 50V J
C0103-04	NDC21HJ-121X	C CAP.	120pF 50V J
C0105	NCB21HK-103X	C CAP.	0.01μF 50V K
C0140	QETN1HM-335Z	E CAP.	3.3μF 50V M
C0141	NDC21HJ-561X	C CAP.	560pF 50V J
C0142	QETN1HM-105Z	E CAP.	1μF 50V M
C0143	QFLC1HJ-683Z	M CAP.	0.068μF 50V J
C0144	QETN1HM-335Z	E CAP.	3.3μF 50V M
C0145	NCB21HK-222X	C CAP.	2200pF 50V K
C0601	QFLC1HJ-183Z	M CAP.	0.018μF 50V J
C0602	QETN1CM-476Z	E CAP.	47μF 16V M
C0603	QETN1HM-106Z	E CAP.	10μF 50V M
C0604	QETN1HM-105Z	E CAP.	1μF 50V M
C0605	QETN1CM-477Z	E CAP.	470μF 16V M
C0606	NCB21HK-103X	C CAP.	0.01μF 50V K

TRANSFORMER

T0020	QQR0626-001	I.F. TRANSF.
T0050	CELT001-307	C.WAVE TRANSF.
T0051	CELT001-306	C.WAVE TRANSF.

△ Symbol No.	Part No.	Part Name	Description
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COIL

L0020	QQLZ014-R47	PEAKING COIL	0.47μH
L0021	NQL011K-1R5X	COIL	1.5μH
L0040	NQL024J-120X	COIL	12μH
L0042	NQL024J-330X	COIL	33μH
L0050-53	NQL011K-8R2X	COIL	8.2μH
L0054	NQL024J-330X	COIL	33μH
L0070	NQL011K-5R6X	COIL	5.6μH
L0101	NQL011K-6R8X	COIL	6.8μH
L0102-03	NQL011K-100X	COIL	10μH
L0104	NQL011K-8R2X	COIL	8.2μH

DIODE

D0021	DAN235K-X	CHIP DIODE
D0050-51	DAN235K-X	CHIP DIODE

TRANSISTOR

Q0012	2SC5083/L-P/-T	SI.TRANSISTOR
Q0080	2SC2712/YG/-X	SI.TRANSISTOR
Q0101	2SC2712/YG/-X	SI.TRANSISTOR
Q0102	2SA162/YG/-X	SI.TRANSISTOR
Q0103	DTC144EKA-X	DIGI.TRANSISTOR
Q0104	2SC2712/YG/-X	SI.TRANSISTOR
Q0106	2SC2712/YG/-X	SI.TRANSISTOR
Q0107	2SA162/YG/-X	SI.TRANSISTOR
Q0108	DTC144EKA-X	DIGI.TRANSISTOR
Q0109-11	2SC2712/YG/-X	SI.TRANSISTOR
Q0120	DTC124EKA-X	DIGI.TRANSISTOR
Q0122-26	DTC144EKA-X	DIGI.TRANSISTOR
Q0601-02	2SC2712/YG/-X	SI.TRANSISTOR

IC

IC0010	TA8865BN	I.C.(MONO-ANA)
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OTHERS

CF0010-11	QAX0619-001	CERAMIC FILTER
CF0100	TP55.5MW	CERAMIC FILTER
CF0140	CSB503F30-T2	CER.RESONATOR
SF0010	QAX0531-001	SAW FILTER
SF0011	QAX0621-001	SAW FILTER
TC0052	QAT7004-100	TRIM.CAP.
TC0059	QAT7004-100	TRIM.CAP.
W0008	NRSA02J-OROX	MG R
W0013	NRSA02J-OROX	MG R
W0015	NRSA02J-OROX	MG R
W0025-26	NRSA02J-OROX	MG R
W0028-29	NRSA02J-OROX	MG R
W0031-32	NRSA02J-OROX	MG R
W0036	NRSA02J-OROX	MG R
W0073-75	NRSA02J-OROX	MG R
W0094-99	NRSA02J-OROX	MG R
Y0002	NRSA02J-OROX	MG R

AV TERMINAL PW BOARD ASS'Y (SMD0J001A-U2)

△	Symbol No.	Part No.	Part Name	Description
RESISTOR				
R0104	QRE141J-750Y	C R	75Ω 1/4W	J
R0106	QRE141J-750Y	C R	75Ω 1/4W	J
R0108	QRE141J-750Y	C R	75Ω 1/4W	J
R0112	QRE141J-750Y	C R	75Ω 1/4W	J
R0204	QRE141J-750Y	C R	75Ω 1/4W	J
R0304	QRE141J-750Y	C R	75Ω 1/4W	J
CAPACITOR				
C0102-04	QEKC1CM-106Z	E CAP.	10μF	16V M
C0105-08	QCB31HK-472Z	C CAP.	4700pF	50V K
C0109	QETN1AM-108Z	E CAP.	1000μF	10V M
C0202	QCB31HK-103Z	C CAP.	0.01μF	50V K
C0203-06	QCB31HK-472Z	C CAP.	4700pF	50V K
C0209	QETN1AM-108Z	E CAP.	1000μF	10V M
C0302	QCB31HK-103Z	C CAP.	0.01μF	50V K
C0305-06	QCB31HK-472Z	C CAP.	4700pF	50V K
COIL				
L0101-04	QQL211K-5R6Y	PEAKING COIL	5.6μH	
L0105	QQR0716-001Z	LEAD CORE		
L0201-04	QQL211K-5R6Y	PEAKING COIL	5.6μH	
L0205	QQR0716-001Z	LEAD CORE		
L0301-02	QQL211K-5R6Y	PEAKING COIL	5.6μH	
L0303	QQR0716-001Z	LEAD CORE		
DIODE				
D0101-05	MTZJ13B-T2	ZENER DIODE		
OTHERS				
J0001-03	CE40529-006	SCART CONNECTOR		

PIP PW BOARD ASS'Y (SMD0P001A-U2)

△	Symbol No.	Part No.	Part Name	Description
RESISTOR				
R0002	NRSA02J-104X	MG R	100kΩ	1/10W J
R0003-06	NRSA02J-102X	MG R	1kΩ	1/10W J
R0100	NRSA02J-472X	MG R	4.7kΩ	1/10W J
R0101	NRSA02J-122X	MG R	1.2kΩ	1/10W J
R0102	NRSA02J-331X	MG R	330Ω	1/10W J
R0103	NRSA02J-680X	MG R	68Ω	1/10W J
R0104	NRSA02J-330X	MG R	33Ω	1/10W J
R0105-08	NRSA02J-103X	MG R	10kΩ	1/10W J
R0109	NRSA02J-222X	MG R	2.2kΩ	1/10W J
R0110-11	NRSA02J-0R0X	MG R	0.0Ω	1/10W J
R0112	NRSA02J-122X	MG R	1.2kΩ	1/10W J
R0113	NRSA02J-332X	MG R	3.3kΩ	1/10W J
R0114	NRSA02J-474X	MG R	470kΩ	1/10W J
R0115	NRSA02J-750X	MG R	75Ω	1/10W J
R0116	NRSA02J-101X	MG R	100Ω	1/10W J
R0117	NRSA02J-391X	MG R	390Ω	1/10W J
R0118	NRSA02J-474X	MG R	470kΩ	1/10W J
R0119	NRSA02J-471X	MG R	470Ω	1/10W J
R0120	NRSA02J-562X	MG R	5.6kΩ	1/10W J
R0121	NRSA02J-822X	MG R	8.2kΩ	1/10W J

△	Symbol No.	Part No.	Part Name	Description
RESISTOR				
R0122	NRSA02J-121X	MG R	120Ω	1/10W J
R0123	NRSA02J-470X	MG R	47Ω	1/10W J
R0124	NRSA02J-121X	MG R	120Ω	1/10W J
R0125	NRSA02J-561X	MG R	560Ω	1/10W J
R0126-27	NRSA02J-150X	MG R	15Ω	1/10W J
R0128	NRSA02J-332X	MG R	3.3kΩ	1/10W J
R0130	NRSA02J-561X	MG R	560Ω	1/10W J
R0131-32	NRSA02J-393X	MG R	39kΩ	1/10W J
R0133	NRSA02J-272X	MG R	2.7kΩ	1/10W J
R0134	NRSA02J-222X	MG R	2.2kΩ	1/10W J
R0135	NRSA02J-273X	MG R	27kΩ	1/10W J
R0136	NRSA02J-682X	MG R	6.8kΩ	1/10W J
R0138-39	NRSA02J-473X	MG R	47kΩ	1/10W J
R0140	NRSA02J-272X	MG R	2.7kΩ	1/10W J
R0141	NRSA02J-104X	MG R	100kΩ	1/10W J
R0142-43	NRSA02J-471X	MG R	470Ω	1/10W J
R0144	NRSA02J-103X	MG R	10kΩ	1/10W J
R0145	NRSA02J-332X	MG R	3.3kΩ	1/10W J
R0146	NRSA02J-222X	MG R	2.2kΩ	1/10W J
R0160	NRSA02J-103X	MG R	10kΩ	1/10W J
R0161	NRSA02J-121X	MG R	120Ω	1/10W J
R0162	NRSA02J-102X	MG R	1kΩ	1/10W J
R0163	NRSA02J-151X	MG R	150Ω	1/10W J
R0164	NRSA02J-221X	MG R	220Ω	1/10W J
R0165	NRSA02J-181X	MG R	180Ω	1/10W J
R0166	NRSA02J-102X	MG R	1kΩ	1/10W J
R0167	NRSA02J-181X	MG R	180Ω	1/10W J
R0169	NRSA02J-OROX	MG R	0.0Ω	1/10W J
R0170	NRSA02J-222X	MG R	2.2kΩ	1/10W J
R0172	NRSA02J-471X	MG R	470Ω	1/10W J
R0173	NRSA02J-472X	MG R	4.7kΩ	1/10W J
R0174-76	NRSA02J-561X	MG R	560Ω	1/10W J
R0178	NRSA02J-152X	MG R	1.5kΩ	1/10W J
R0181	NRSA02J-561X	MG R	560Ω	1/10W J
R0182	NRSA02J-103X	MG R	10kΩ	1/10W J
R0183	NRSA02J-332X	MG R	3.3kΩ	1/10W J
R0185	NRSA02J-561X	MG R	560Ω	1/10W J
R0301	NRSA02J-153X	MG R	15kΩ	1/10W J
R0302	NRSA02J-823X	MG R	82kΩ	1/10W J
R0303-04	NRSA02J-101X	MG R	100Ω	1/10W J
R0305-07	NRSA02J-103X	MG R	10kΩ	1/10W J
R0601	NRSA02J-102X	MG R	1kΩ	1/10W J
R0602	NRSA02J-822X	MG R	8.2kΩ	1/10W J
R0603	QRZ9017-470	F R	47Ω	1/4W J
R0604	NRSA02J-104X	MG R	100kΩ	1/10W J
R0605	NRSA02J-683X	MG R	68kΩ	1/10W J
R0606	NRSA02J-272X	MG R	2.7kΩ	1/10W J
R0607	NRSA02J-392X	MG R	3.9kΩ	1/10W J
R0608	NRSA02J-822X	MG R	8.2kΩ	1/10W J
R0609	NRSA02J-562X	MG R	5.6kΩ	1/10W J
R0801-02	NRSA02J-820X	MG R	82Ω	1/10W J
R0803	NRSA02J-103X	MG R	10kΩ	1/10W J
R0804-09	NRSA02J-101X	MG R	100Ω	1/10W J
R0810-11	NRSA02J-393X	MG R	39kΩ	1/10W J
R0814-17	NRSA02J-OROX	MG R	0.0Ω	1/10W J
R0820-23	NRSA02J-103X	MG R	10kΩ	1/10W J
R0824	NRSA02J-222X	MG R	2.2kΩ	1/10W J
R0825	NRSA02J-102X	MG R	1kΩ	1/10W J
R0826	NRSA02J-222X	MG R	2.2kΩ	1/10W J
R0827	NRSA02J-OROX	MG R	0.0Ω	1/10W J
R0828	NRSA02J-331X	MG R	33Ω	1/10W J
R0829	NRSA02J-222X	MG R	2.2kΩ	1/10W J
R0830	NRSA02J-OROX	MG R	0.0Ω	1/10W J
R0831	NRSA02J-150X	MG R	15Ω	1/10W J
R0832	NRSA02J-151X	MG R	150Ω	1/10W J
R0833	NRSA02J-182X	MG R	1.8kΩ	1/10W J
R0834	NRSA02J-OROX	MG R	0.0Ω	1/10W J
R0835	NRSA02J-150X	MG R	15Ω	1/10W J
R0836	NRSA02J-151X	MG R	150Ω	1/10W J
R0837	NRSA02J-332X	MG R	3.3kΩ	1/10W J
R0838	NRSA02J-OROX	MG R	0.0Ω	1/10W J

Symbol No.	Part No.	Part Name	Description
RESISTOR			
R0839	NRSA02J-222X	MG R	2.2kΩ 1/10W J
R0840	NRSA02J-822X	MG R	8.2kΩ 1/10W J
R0841	NRSA02J-103X	MG R	10kΩ 1/10W J
R0842	NRSA02J-562X	MG R	5.6kΩ 1/10W J
R0843	NRSA02J-472X	MG R	4.7kΩ 1/10W J
R0844	NRSA02J-222X	MG R	2.2kΩ 1/10W J
R0845-48	NRSA02J-221X	MG R	220Ω 1/10W J
R0849	NRSA02J-222X	MG R	2.2kΩ 1/10W J
R0850	NRSA02J-101X	MG R	100Ω 1/10W J
R0851	NRSA02J-153X	MG R	15kΩ 1/10W J
R0852	NRSA02J-472X	MG R	4.7kΩ 1/10W J
R0853-54	NRSA02J-102X	MG R	1kΩ 1/10W J
R0855	NRSA02J-223X	MG R	22kΩ 1/10W J
R0856-58	NRSA02J-473X	MG R	47kΩ 1/10W J
R0859-62	NRSA02J-562X	MG R	5.6kΩ 1/10W J
R0867-68	NRSA02J-101X	MG R	100Ω 1/10W J
R0869-71	NRSA02J-820X	MG R	82Ω 1/10W J
R0872-74	NRSA02J-821X	MG R	820Ω 1/10W J
R0875-99	NRSA02J-820X	MG R	82Ω 1/10W J
R0900-04	NRSA02J-820X	MG R	82Ω 1/10W J
CAPACITOR			
C0001	NCB21HK-222X	C CAP.	2200pF 50V K
C0002	NEH71CM-106X	E CAP.	10μF 16V M
C0003	NEHE1CM-227X	E CAP.	2200μF 16V M
C0004-05	NCF21EZ-104X	C CAP.	0.1μF 25V Z
C0006	QETN1HM-107Z	E CAP.	100μF 50V M
C0007	NEHE1EM-107X	E CAP.	100μF 25V M
C0008	NCF21EZ-104X	C CAP.	0.1μF 25V Z
C0009	NCB21HK-102X	C CAP.	1000pF 50V K
C0100	NEHE1CM-227X	E CAP.	220μF 16V M
C0102-07	NCB21HK-472X	C CAP.	4700pF 50V K
C0110	NCB21HK-222X	C CAP.	2200pF 50V K
C0111	NEH71HM-335X	E CAP.	3.3μF 50V M
C0112	QLBL1HJ-683	M CAP.	0.068μF 50V J
C0113	NEH71HM-105X	E CAP.	1μF 50V M
C0114	NDC21HJ-561X	C CAP.	560pF 50V J
C0115	NEH71HM-335X	E CAP.	3.3μF 50V M
C0116	NEHE1EM-107X	E CAP.	100μF 25V M
C0117	NCB21HK-103X	C CAP.	0.01μF 50V K
C0118	NCB21HK-682X	C CAP.	6800pF 50V K
C0119	NCB21HK-103X	C CAP.	0.01μF 50V K
C0120	NEH71HM-105X	E CAP.	1μF 50V M
C0121	NCB21HK-472X	C CAP.	4700pF 50V K
C0123	NEHE1EM-107X	E CAP.	100μF 25V M
C0124	NCB21HK-103X	C CAP.	0.01μF 50V K
C0126	NCB21HK-103X	C CAP.	0.01μF 50V K
C0127	NDC21HJ-7R0X	C CAP.	7.0pF 50V J
C0128	NDC21HJ-100X	C CAP.	10pF 50V J
C0129	QETM1CM-107	E CAP.	100μF 16V M
C0130	NDC21HJ-102X	C CAP.	1000pF 50V J
C0131	NEH71HM-474X	E CAP.	0.47μF 50V M
C0132	NDC21HJ-6R0X	C CAP.	6.0pF 50V J
C0133	NCB21HK-472X	C CAP.	4700pF 50V K
C0134	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
C0135	NEH71EM-336X	E CAP.	33μF 25V M
C0136	NCB21HK-103X	C CAP.	0.01μF 50V K
C0137	NCB21HK-472X	C CAP.	4700pF 50V K
C0138	NEH71HM-474X	E CAP.	0.47μF 50V M
C0140	NCB21HK-103X	C CAP.	0.01μF 50V K
C0141	NDC21HJ-120X	C CAP.	12pF 50V J
C0142	NCB21HK-103X	C CAP.	0.01μF 50V K
C0143-44	NCB21HK-472X	C CAP.	4700pF 50V K
C0145	NCF21EZ-104X	C CAP.	0.1μF 25V Z
C0148	NCB21HK-472X	C CAP.	4700pF 50V K
C0149	NCF21EZ-104X	C CAP.	0.1μF 25V Z
C0152	NDC21HJ-121X	C CAP.	120pF 50V J
C0154-55	NCF21EZ-104X	C CAP.	0.1μF 25V Z
C0160	NEH71CM-476X	E CAP.	47μF 16V M
C0161	NDC21HJ-221X	C CAP.	220pF 50V J
C0162	NCB21HK-103X	C CAP.	0.01μF 50V K

Symbol No.	Part No.	Part Name	Description
CAPACITOR			
C0163	NEHE1EM-107X	E CAPACITOR	100μF 25V M
C0164-67	NCB21HK-103X	C CAP.	0.01μF 50V K
C0304	NCB21HK-332X	C CAP.	3300pF 50V K
C0305	NCF21EZ-474X	C CAP.	0.47μF 25V Z
C0306	NEN51HM-105X	CHIP AL BP E CAP	1μF 50V M
C0307	NCF21EZ-104X	C CAP.	0.1μF 25V Z
C0308	NCB21HK-332X	C CAP.	3300pF 50V K
C0309	NCF21EZ-104X	C CAP.	0.1μF 25V Z
C0310-11	NDC21HJ-150X	C CAP.	15pF 50V J
C0312-16	NCF21EZ-104X	C CAP.	0.1μF 25V Z
C0317	QETN1AM-477Z	E CAP.	470μF 10V M
C0318-20	NCF21EZ-104X	C CAP.	0.1μF 25V Z
C0321-23	NEH71CM-476X	E CAP.	47μF 16V M
C0601	NCB21HK-183X	C CAP.	0.018μF 50V K
C0602	QETN1CM-477Z	E CAP.	470μF 16V M
C0603	NCB21HK-103X	C CAP.	0.01μF 50V K
C0604	NEH71CM-476X	E CAP.	47μF 16V M
C0605	NEH71CM-106X	E CAP.	10μF 16V M
C0606	NEH71HM-105X	E CAP.	1μF 50V M
C0607	NCB21HK-223X	C CAP.	0.022μF 50V K
C0800	NEH71CM-106X	E CAP.	10μF 16V M
C0801	NEH71CM-476X	E CAP.	47μF 16V M
C0802-03	NCF21EZ-104X	C CAP.	0.1μF 25V Z
C0804	NCB21HK-104X	CHIP CAP.	0.1μF 50V K
C0805-08	NCF21EZ-104X	C CAP.	0.1μF 25V Z
C0809	NCB21HK-104X	CHIP CAP.	0.1μF 50V K
C0813-14	NCF21EZ-104X	C CAP.	0.1μF 25V Z
C0817	NCB21HK-104X	CHIP CAP.	0.1μF 50V K
C0818	NCF21EZ-104X	C CAP.	0.1μF 25V Z
C0822-26	NCF21EZ-104X	C CAP.	0.1μF 25V Z
C0829-36	NCF21EZ-104X	C CAP.	0.1μF 25V Z
C0837-38	NEH71CM-476X	E CAP.	47μF 16V M
C0844	NCF21EZ-104X	C CAP.	0.1μF 25V Z
C0845	NEH71CM-476X	E CAP.	47μF 16V M
C0846	NDC21HJ-270Z	C CAP.	27pF 50V J
C0850	NEH71CM-106X	E CAP.	10μF 16V M
C0851-52	NCB21EK-104X	C CAP.	0.1μF 25V K
C0853	NEH71CM-106X	E CAP.	10μF 16V M
C0854-55	NCB21EK-104X	C CAP.	0.1μF 25V K
C0856	NEH71CM-476X	E CAP.	47μF 16V M
C0857	NEH71EM-475X	E CAP.	4.7μF 25V M
C0858	NCF21EZ-104X	C CAP.	0.1μF 25V Z
C0859	NDC21HJ-220X	C CAP.	22pF 50V J
C0860	NDC21HJ-680X	C CAP.	68pF 50V J
C0861	NDC21HJ-220X	C CAP.	22pF 50V J
C0862-64	NDC21HJ-680X	C CAP.	68pF 50V J
C0865	NEH71CM-106X	E CAP.	10μF 16V M
C0866-71	NCF21EZ-104X	C CAP.	0.1μF 25V Z
C0872	NCB21HK-104X	CHIP CAP.	0.1μF 50V K
C0873	NCF21EZ-104X	C CAP.	0.1μF 25V Z
C0874	NCB21HK-104X	CHIP CAP.	0.1μF 50V K
C0875	NEN51HM-105X	CHIP AL BP E CAP	1μF 50V M
C0876	NDC21HJ-221X	C CAP.	220pF 50V J
C0877	NEH71CM-106X	E CAP.	10μF 16V M
TRANSFORMER			
T0001	QQR0626-001	I.F.TRANSF.	
T0101	CELT001-306	C.WAVE TRANSF.	
T0102	CELT040-301	S.I.F.TRANSF.	
T0103	CELT001-307	C.WAVE TRANSF.	
COIL			
L0001	NQL02BJ-330X	COIL	33μH
L0002-05	NQL024J-100X	COIL	10μH
L0100	QQLZ014-R47	PEAKING COIL	0.47μH
L0102	NQL01K-1R5X	COIL	1.5μH
L0103	NQL024J-120X	COIL	12μH
L0104-06	NQL01K-8R2X	COIL	8.2μH
L0108	NQL01K-8R2X	COIL	8.2μH
L0109	NQL01K-5R6X	COIL	5.6μH

△	Symbol No.	Part No.	Part Name	Description
COIL				
L0151-52	NQL011K-100X	COIL	10μH	
L0160	NQL011K-100X	COIL	10μH	
L0165	NQL011K-4R7X	COIL	4.7μH	
L0801	NQL02BJ-4R7X	COIL	4.7μH	
L0803	NQL011K-4R7X	COIL	4.7μH	
L0804	NQL02BJ-4R7X	COIL	4.7μH	
L0805-06	NQL011K-4R7X	COIL	4.7μH	
DIODE				
D0100-03	DAN235K-X	CHIP DIODE		
TRANSISTOR				
Q0100	2SC5083/L-P-T	SI.TRANSISTOR		
Q0101-04	DTC144EKA-X	DIGI.TRANSISTOR		
Q0105	ZSC2712/YG-X	SI.TRANSISTOR		
Q0106-07	DTC144EKA-X	DIGI.TRANSISTOR		
Q0108	ZSC2712/YG-X	SI.TRANSISTOR		
Q0109	DTC144EKA-X	DIGI.TRANSISTOR		
Q0110	ZSC2712/YG-X	SI.TRANSISTOR		
Q0111-12	DTC323TK-X	DIGI.TRANSISTOR		
Q0160	DTC144EKA-X	DIGI.TRANSISTOR		
Q0161	ZSC2712/YG-X	SI.TRANSISTOR		
Q0162	ZSA1162/YG-X	SI.TRANSISTOR		
Q0163	DTC144EKA-X	DIGI.TRANSISTOR		
Q0164	ZSC2712/YG-X	SI.TRANSISTOR		
Q0166	ZSA1162/YG-X	SI.TRANSISTOR		
Q0167	DTC144EKA-X	DIGI.TRANSISTOR		
Q0169	ZSC2712/YG-X	SI.TRANSISTOR		
Q0170	DTC144EKA-X	DIGI.TRANSISTOR		
Q0171	ZSC2712/YG-X	SI.TRANSISTOR		
Q0600-01	ZSC2712/YG-X	SI.TRANSISTOR		
Q0801-04	ZSA1162/YG-X	SI.TRANSISTOR		
Q0805	ZSC2712/YG-X	SI.TRANSISTOR		
Q0806-07	ZSA1162/YG-X	SI.TRANSISTOR		
Q0808-09	ZSC2712/YG-X	SI.TRANSISTOR		
Q0810	ZSA1162/YG-X	SI.TRANSISTOR		
IC				
IC0101	TA8865BN	I.C.(MONO-ANA)		
IC0102	LA7975	I.C.(MONO-ANA)		
IC0301	TDA9143/N3	I.C.(MONO-ANA)		
IC0302	TDA4665/V5	I.C.(MONO-ANA)		
IC0303	LA7016	I.C.(MONO-ANA)		
IC0801	SAB9079HS/N1	I.C.(DIGI-MOS)		
IC0802	MSM5416283-60-X	4M VD-RAM		
IC0803	AN5860	I.C.(MONO-ANA)		
IC0804	TC4066BF/N-/XE	I.C.		
IC0805	CXA1875AM-X	I.C.(MONO-ANA)		
OTHERS				
CF0101	LC30835-001A-C	SHIELD COVER		
CF0102-03	CSB503F30-T2	CER.RESONATOR		
CF0160	FTP40..40MF	CERAMIC FILTER		
CF0162	TP55..5W	CERAMIC FILTER		
CF0164-65	QAX0336-001	CERAMIC FILTER		
CF0166	QAX0337-001	CERAMIC FILTER		
CF0168	CSB503E5	CER.RESONATOR		
K0001-02	QAX0338-001	CERAMIC FILTER		
SF0100	CE41433-001Z	BEADS CORE		
SF0101	QAX0531-001	SAW FILTER		
SF0102	CE42574-702	SAW FILTER		
TC0122	QAX0574-001	SAW FILTER		
TC0122	QAT7004-100	TRIM.CAP.	10pF 100V	
TC0139	QAT7004-100	TRIM.CAP.	10pF 100V	
TU0001	CEEK481-A04	TUNER		
UD0001	CEGA016-001	RF SPLITTER		
W0001	NRSA02J-OROX	MG R	0.0Ω 1/10W J	
X0301	CE40749-001Z	CRYSTAL		
X0302	CE40668-001Z	CRYSTAL		
Y0107	NRSA02J-224X	MG R	220kΩ 1/10W J	
Y0108-09	NRSA02J-OROX	MG R	0.0Ω 1/10W J	

**SUB MICON & AUTO PANORAMA ASS'Y
(SMD0W001A-U2)**

△	Symbol No.	Part No.	Part Name	Description
RESISTOR				
R0001	NRSA02J-101X	MG R	100Ω 1/10W J	
R0002	NRSA02J-104X	MG R	100kΩ 1/10W J	
R0003	NRSA02J-393X	MG R	39kΩ 1/10W J	
R0004	NRSA02J-332X	MG R	3.3kΩ 1/10W J	
R0005-07	NRSA02J-102X	MG R	1kΩ 1/10W J	
R0008	NRSA02J-472X	MG R	4.7kΩ 1/10W J	
R0009	NRSA02J-331X	MG R	33Ω 1/10W J	
R0010	NRSA02J-102X	MG R	1kΩ 1/10W J	
R0011	NRSA02J-332X	MG R	3.3kΩ 1/10W J	
R0012	NRSA02J-272X	MG R	2.7kΩ 1/10W J	
R0020-26	NRSA02J-102X	MG R	1kΩ 1/10W J	
R0045	NRSA02J-472X	MG R	4.7kΩ 1/10W J	
R0051	NRSA02J-472X	MG R	4.7kΩ 1/10W J	
R0054	NRSA02J-103X	MG R	10kΩ 1/10W J	
R0060	NRSA02J-823X	MG R	82kΩ 1/10W J	
R0751	NRSA02J-102X	MG R	1kΩ 1/10W J	
R0752-57	NRSA02J-103X	MG R	10kΩ 1/10W J	
R0758	NRSA02J-472X	MG R	4.7kΩ 1/10W J	
R0759-60	NRSA02J-103X	MG R	10kΩ 1/10W J	
R0761-66	NRSA02J-822X	MG R	8.2kΩ 1/10W J	
CAPACITOR				
C0001	NEN51AM-336X	CHIP AL BP E CAP	33μF 10V M	
C0002	NDC21HJ-221X	C CAP.	220pF 50V J	
C0003	NDC21HJ-220X	C CAP.	22pF 50V J	
C0004-05	NCB21HK-104X	CHIP CAP.	0.1μF 50V K	
C0006	NEH71CM-476X	E CAP.	47μF 16V M	
C0009	NEH71CM-106X	E CAP.	10μF 16V M	
C0010-11	NCB21HK-104X	CHIP CAP.	0.1μF 50V K	
C0751	NEH71CM-476X	E CAP.	47μF 16V M	
C0752-57	NCB21HK-104X	CHIP CAP.	0.1μF 50V K	
C0758	NCB21HK-103X	C CAP.	0.01μF 50V K	
DIODE				
D0005	MA3051/M-X	ZENER DIODE		
D0751	MA111-X	SI.DIODE		
D0752-53	MA3062/M-X	ZENER DIODE		
TRANSISTOR				
Q0001-02	2SC2412K/QR-X	SI.TRANSISTOR		
Q0003	2SA1037K/QR-X	SI.TRANSISTOR		
Q0004-05	2SC2412K/QR-X	SI.TRANSISTOR		
Q0751-52	2SC2712/YG-X	SI.TRANSISTOR		
IC				
IC0001	JCC5035	I C		
IC0002	MN1382/Q/-X	I.C.(MONO-ANA)		
IC0751	SAB-C161RI-W	I.C.(DIGI-MOS)		
IC0752	MX23C4000PC10MD	IC		
IC0753	BR24C16F-X	I.C.(MEMORY-OTH)		
OTHERS				
X0001	CEMS007-032	IC SOCKET		
X0751	CE42564-001Y	CER.RESONATOR		
X0751	QAX0534-001	C RESONATOR		

100Hz PW BOARD ASS'Y (SMD0Z005A-U2)

△	Symbol No.	Part No.	Part Name	Description
RESISTOR				
R0001-02	NRSA02J-101X	MG R	100Ω 1/10W J	
R0004	NRSA02J-222X	MG R	2.2kΩ 1/10W J	
R0005	NRSA02J-472X	MG R	4.7kΩ 1/10W J	
R0101	NRSA02J-101X	MG R	100Ω 1/10W J	
R0102	NRSA02J-102X	MG R	1kΩ 1/10W J	
R0103	NRSA02J-331X	MG R	330Ω 1/10W J	
R0104	NRSA02J-222X	MG R	2.2kΩ 1/10W J	
R0105	NRSA02J-473X	MG R	47kΩ 1/10W J	
R0106	NRSA02J-273X	MG R	27kΩ 1/10W J	
R0107	NRSA02J-331X	MG R	330Ω 1/10W J	
R0108	NRSA02J-181X	MG R	180Ω 1/10W J	
R0109-10	NRSA02J-101X	MG R	100Ω 1/10W J	
R0111	NRSA02J-222X	MG R	2.2kΩ 1/10W J	
R0112	NRSA02J-101X	MG R	100Ω 1/10W J	
R0113	NRSA02J-471X	MG R	470Ω 1/10W J	
R0114	NRSA02J-221X	MG R	220Ω 1/10W J	
R0121	NRSA02J-101X	MG R	100Ω 1/10W J	
R0122	NRSA02J-102X	MG R	1kΩ 1/10W J	
R0123	NRSA02J-331X	MG R	330Ω 1/10W J	
R0124	NRSA02J-222X	MG R	2.2kΩ 1/10W J	
R0125	NRSA02J-473X	MG R	47kΩ 1/10W J	
R0126	NRSA02J-273X	MG R	27kΩ 1/10W J	
R0127	NRSA02J-271X	MG R	270Ω 1/10W J	
R0128	NRSA02J-181X	MG R	180Ω 1/10W J	
R0129	NRSA02J-101X	MG R	100Ω 1/10W J	
R0130	NRSA02J-330X	MG R	33Ω 1/10W J	
R0131	NRSA02J-222X	MG R	2.2kΩ 1/10W J	
R0132	NRSA02J-101X	MG R	100Ω 1/10W J	
R0133	NRSA02J-471X	MG R	470Ω 1/10W J	
R0134	NRSA02J-221X	MG R	220Ω 1/10W J	
R0141	NRSA02J-101X	MG R	100Ω 1/10W J	
R0142	NRSA02J-102X	MG R	1kΩ 1/10W J	
R0143	NRSA02J-331X	MG R	330Ω 1/10W J	
R0144	NRSA02J-222X	MG R	2.2kΩ 1/10W J	
R0145	NRSA02J-473X	MG R	47kΩ 1/10W J	
R0146	NRSA02J-273X	MG R	27kΩ 1/10W J	
R0147	NRSA02J-271X	MG R	270Ω 1/10W J	
R0148	NRSA02J-181X	MG R	180Ω 1/10W J	
R0149	NRSA02J-101X	MG R	100Ω 1/10W J	
R0150	NRSA02J-150X	MG R	15Ω 1/10W J	
R0151	NRSA02J-222X	MG R	2.2kΩ 1/10W J	
R0152	NRSA02J-101X	MG R	100Ω 1/10W J	
R0153	NRSA02J-471X	MG R	470Ω 1/10W J	
R0154	NRSA02J-221X	MG R	220Ω 1/10W J	
R0155	NRSA02J-100X	MG R	10Ω 1/10W J	
R0156	NRSA02J-122X	MG R	1.2kΩ 1/10W J	
R0157	NRSA02J-560X	MG R	56Ω 1/10W J	
R0158	NRSA02J-680X	MG R	68Ω 1/10W J	
R0159	NRSA02J-101X	MG R	100Ω 1/10W J	
R0160	NRSA02J-333X	MG R	33kΩ 1/10W J	
R0161	NRSA02J-223X	MG R	2.2kΩ 1/10W J	
R0162	NRSA02J-122X	MG R	1.2kΩ 1/10W J	
R0163	NRSA02J-181X	MG R	180Ω 1/10W J	
R0164	NRSA02J-680X	MG R	68Ω 1/10W J	
R0165	NRSA02J-0R0X	MG R	0.0Ω 1/10W J	
R0171	NRSA02J-101X	MG R	100Ω 1/10W J	
R0172	NRSA02J-102X	MG R	1kΩ 1/10W J	
R0173	NRSA02J-182X	MG R	1.8kΩ 1/10W J	
R0174	NRSA02J-560X	MG R	56Ω 1/10W J	
R0175	NRSA02J-105X	MG R	1MΩ 1/10W J	
R0176	NRSA02J-681X	MG R	680Ω 1/10W J	
R0177	NRSA02J-104X	MG R	100kΩ 1/10W J	
R0178	NRSA02J-101X	MG R	100Ω 1/10W J	
R0179	NRSA02J-471X	MG R	470Ω 1/10W J	
R0180	NRSA02J-102X	MG R	1kΩ 1/10W J	
R0181-82	NRSA02F-392X	MG R	3.9kΩ 1/10W F	
R0183-84	NRSA02J-122X	MG R	1.2kΩ 1/10W J	
R0185	NRSA02F-392X	MG R	3.9kΩ 1/10W F	
R0186	NRSA02F-332X	MG R	3.3kΩ 1/10W F	
R0187	NRSA02J-101X	MG R	100Ω 1/10W J	
R0188	NRSA02J-563X	MG R	56kΩ 1/10W J	

△	Symbol No.	Part No.	Part Name	Description
RESISTOR				
R0189	NRSA02J-470X	MG R	47Ω 1/10W J	
R0190	NRSA02J-102X	MG R	1kΩ 1/10W J	
R0191	NRSA02J-221X	MG R	220Ω 1/10W J	
R0192	NRSA02J-220X	MG R	22Ω 1/10W J	
R0193	NRSA02J-104X	MG R	100kΩ 1/10W J	
R0201-16	NRSA02J-101X	MG R	100Ω 1/10W J	
R0221-36	NRSA02J-101X	MG R	100Ω 1/10W J	
R0303-18	NRSA02J-101X	MG R	100Ω 1/10W J	
R0401	NRSA02J-103X	MG R	10kΩ 1/10W J	
R0403	NRSA02J-223X	MG R	22kΩ 1/10W J	
R0404	NRSA02J-222X	MG R	2.2kΩ 1/10W J	
R0406	NRSA02J-102X	MG R	1kΩ 1/10W J	
R0408	NRSA02J-561X	MG R	560Ω 1/10W J	
R0409	NRSA02J-102X	MG R	1kΩ 1/10W J	
R0411	NRSA02J-0R0X	MG R	0.0Ω 1/10W J	
R0412	NRSA02J-561X	MG R	560Ω 1/10W J	
R0413	NRSA02J-101X	MG R	100Ω 1/10W J	
R0415	NRSA02J-151X	MG R	150Ω 1/10W J	
R0417	NRSA02J-102X	MG R	1kΩ 1/10W J	
R0418	NRSA02J-220X	MG R	22Ω 1/10W J	
R0419	NRSA02J-101X	MG R	100Ω 1/10W J	
R0420	NRSA02J-471X	MG R	470Ω 1/10W J	
R0425	NRSA02J-0R0X	MG R	0.0Ω 1/10W J	
R0426	NRSA02J-122X	MG R	1.2kΩ 1/10W J	
R0428	NRSA02F-5231X	MG R	5.23kΩ 1/10W F	
R0429	NRSA02F-333X	MG R	33kΩ 1/10W F	
R0431	NRSA02J-0R0X	MG R	0.0Ω 1/10W J	
R0432	NRSA02J-561X	MG R	560Ω 1/10W J	
R0433	NRSA02J-101X	MG R	100Ω 1/10W J	
R0435	NRSA02J-151X	MG R	150Ω 1/10W J	
R0437	NRSA02J-102X	MG R	1kΩ 1/10W J	
R0438	NRSA02J-220X	MG R	22Ω 1/10W J	
R0439	NRSA02J-101X	MG R	100Ω 1/10W J	
R0440	NRSA02J-471X	MG R	470Ω 1/10W J	
R0441	NRSA02J-122X	MG R	1.2kΩ 1/10W J	
R0442	NRSA02F-562X	MG R	5.6kΩ 1/10W F	
R0443	NRSA02F-333X	MG R	33kΩ 1/10W F	
R0451	NRSA02J-0R0X	MG R	0.0Ω 1/10W J	
R0452	NRSA02J-561X	MG R	560Ω 1/10W J	
R0453	NRSA02J-101X	MG R	100Ω 1/10W J	
R0455	NRSA02J-151X	MG R	150Ω 1/10W J	
R0457	NRSA02J-102X	MG R	1kΩ 1/10W J	
R0458	NRSA02J-220X	MG R	22Ω 1/10W J	
R0459	NRSA02J-101X	MG R	100Ω 1/10W J	
R0460	NRSA02J-471X	MG R	470Ω 1/10W J	
R0461	NRSA02J-122X	MG R	1.2kΩ 1/10W J	
R0462	NRSA02F-5231X	MG R	5.23kΩ 1/10W F	
R0463	NRSA02F-333X	MG R	33kΩ 1/10W F	
R0471	NRSA02J-0R0X	MG R	0.0Ω 1/10W J	
R0472	NRSA02J-391X	MG R	390Ω 1/10W J	
R0473	NRSA02J-101X	MG R	100Ω 1/10W J	
R0475	NRSA02J-330X	MG R	33Ω 1/10W J	
R0476	NRSA02J-122X	MG R	1.2kΩ 1/10W J	
R0477	NRSA02J-102X	MG R	1kΩ 1/10W J	
R0478	NRSA02J-220X	MG R	22Ω 1/10W J	
R0479	NRSA02J-101X	MG R	100Ω 1/10W J	
R0480	NRSA02J-221X	MG R	220Ω 1/10W J	
R0486	NRSA02J-683X	MG R	68kΩ 1/10W J	
R0487	NRSA02J-103X	MG R	10kΩ 1/10W J	
R0488	NRSA02J-223X	MG R	22kΩ 1/10W J	
R0489	NRSA02J-562X	MG R	5.6kΩ 1/10W J	
R0491-92	NRSA02J-102X	MG R	1kΩ 1/10W J	
R0501	NRSA02J-823X	MG R	82kΩ 1/10W J	
R0504	NRSA02J-472X	MG R	4.7kΩ 1/10W J	
R0505	NRSA02J-272X	MG R	2.7kΩ 1/10W J	
R0506	NRSA02J-472X	MG R	4.7kΩ 1/10W J	
R0507	NRSA02J-0R0X	MG R	0.0Ω 1/10W J	
R0512	NRSA02J-103X	MG R	10kΩ 1/10W J	
R0514-15	NRSA02J-682X	MG R	6.8kΩ 1/10W J	
R0516	NRSA02J-0R0X	MG R	0.0Ω 1/10W J	
R0602-03	NRSA02J-680X	MG R	68Ω 1/10W J	

△	Symbol No.	Part No.	Part Name	Description
RESISTOR				
R0604	QRN143J-221X	C R	220Ω 1/4W	J
R0606	NRSA02J-680X	MG R	68Ω 1/10W	J
R0607-08	NRSA02J-OROX	MG R	0.0Ω 1/10W	J
R0609	NRSA02J-100X	MG R	10Ω 1/10W	J
R0610	NRSA02J-OROX	MG R	0.0Ω 1/10W	J
R0611	NRSA02J-100X	MG R	10Ω 1/10W	J
R0612-13	NRSA02J-560X	MG R	56Ω 1/10W	J
R0614	NRSA02J-100X	MG R	10Ω 1/10W	J
R0615	NRSA02J-822X	MG R	8.2kΩ 1/10W	J
R0616	NRSA02J-223X	MG R	22kΩ 1/10W	J
R0704	NRSA02J-OROX	MG R	0.0Ω 1/10W	J
R0705-06	N RVA02D-123X	MF R	12kΩ 1/10W	D
	N RVA02D-123X	MF R	12kΩ 1/10W	D
R0709	N RVA02D-103X	MF R	10kΩ 1/10W	D
R0714	N RVA02D-123X	MF R	12kΩ 1/10W	D
R0715	N RSA02J-333X	MG R	33kΩ 1/10W	J
R0716	N RSA02J-273X	MG R	27kΩ 1/10W	J
R0717	N RSA02J-123X	MG R	12kΩ 1/10W	J
R0718	N RSA02J-473X	MG R	47kΩ 1/10W	J
R0719	N RSA02J-472X	MG R	4.7kΩ 1/10W	J
R0720	N RSA02J-223X	MG R	22kΩ 1/10W	J
R0721	N RSA02J-123X	MG R	12kΩ 1/10W	J
R0723	N RSA02J-682X	MG R	6.8kΩ 1/10W	J
R0724	N RSA02J-272X	MG R	2.7kΩ 1/10W	J
R0726	N RSA02J-153X	MG R	15kΩ 1/10W	J
R0727	N RSA02J-563X	MG R	56kΩ 1/10W	J
R0731	N RSA02J-OROX	MG R	0.0Ω 1/10W	J
R0733	N RSA02J-154X	MG R	150kΩ 1/10W	J
R0734	N RSA02J-123X	MG R	12kΩ 1/10W	J
R0736	N RSA02J-123X	MG R	12kΩ 1/10W	J
R0737	N RSA02J-224X	MG R	220kΩ 1/10W	J
R0738	N RSA02J-273X	MG R	27kΩ 1/10W	J
R0739	N RSA02J-332X	MG R	3.3kΩ 1/10W	J
R0740	N RSA02J-682X	MG R	6.8kΩ 1/10W	J
R0741	N RSA02J-223X	MG R	22kΩ 1/10W	J
R0742	N RSA02J-224X	MG R	220kΩ 1/10W	J
R0743	N RSA02J-683X	MG R	68kΩ 1/10W	J
R0744	N RSA02J-224X	MG R	220kΩ 1/10W	J
R0745	N RSA02J-563X	MG R	56kΩ 1/10W	J
R0746	N RSA02J-683X	MG R	68kΩ 1/10W	J

△	Symbol No.	Part No.	Part Name	Description
CAPACITOR				
C0001	NEH71CM-476X	E CAP.	47μF 16V	M
C0002	NCF21EZ-104X	C CAP.	0.1μF 25V	Z
C0003	NEH71CM-476X	E CAP.	47μF 16V	M
C0004	NCF21EZ-104X	C CAP.	0.1μF 25V	Z
C0005	NEH71CM-476X	E CAP.	47μF 16V	M
C0006	NCF21EZ-104X	C CAP.	0.1μF 25V	Z
C0007	NEH71CM-476X	E CAP.	47μF 16V	M
C0008	NCF21EZ-104X	C CAP.	0.1μF 25V	Z
C0009	NDC21HJ-121X	C CAP.	120pF 50V	J
C0011	NDC21HJ-270X	C CAP.	27pF 50V	J
C0102	NDC21HJ-121X	C CAP.	120pF 50V	J
C0103	NDC21HJ-680X	C CAP.	68pF 50V	J
C0104	NEN51EM-106X	CHIP AL BP E CAP	10μF 25V	M
C0105	NCF21HZ-224X	C CAP.	0.22μF 50V	Z
C0106	NCF21EZ-104X	C CAP.	0.1μF 25V	Z
C0107	NDC21HJ-390X	C CAP.	39pF 50V	J
C0108	NEH71CM-476X	E CAP.	47μF 16V	M
C0109	NEN51HM-105X	CHIP AL BP E CAP	1μF 50V	M
C0110	NCB21HK-103X	C CAP.	0.01μF 50V	K
C0111	NDC21HJ-181X	C CAP.	180pF 50V	J
C0112-14	NEH71CM-106X	E CAP.	10μF 16V	M
C0122	NDC21HJ-121X	C CAP.	120pF 50V	J
C0123	NDC21HJ-680X	C CAP.	68pF 50V	J
C0124	NEN51HM-105X	CHIP AL BP E CAP	1μF 50V	M
C0125	NCF21HZ-224X	C CAP.	0.22μF 50V	Z
C0126	NCF21EZ-104X	C CAP.	0.1μF 25V	Z
C0142	NDC21HJ-121X	C CAP.	120pF 50V	J
C0143	NDC21HJ-680X	C CAP.	68pF 50V	J
C0144	NEN51HM-105X	CHIP AL BP E CAP	1μF 50V	M

△	Symbol No.	Part No.	Part Name	Description
CAPACITOR				
C0145	NCF21HZ-224X	C CAP.	0.22μF 50V	Z
C0146	NCF21EZ-104X	C CAP.	0.1μF 25V	Z
C0151	NCB21HK-103X	C CAP.	0.01μF 50V	K
C0152	QETNOJM-228Z	E CAP.	2200μF 6.3V	M
C0153	NCF21EZ-104X	C CAP.	0.1μF 25V	Z
C0154-55	NEH71HM-105X	E CAP.	1μF 50V	M
C0156-57	NCF21EZ-104X	C CAP.	0.1μF 25V	Z
C0161-62	NEH71CM-106X	E CAP.	10μF 16V	M
C0163	NCF21EZ-104X	C CAP.	0.1μF 25V	Z
C0164	NEH71CM-106X	E CAP.	10μF 16V	M
C0165-80	NCF21EZ-104X	C CAP.	0.1μF 25V	Z
C0181-82	NDC21HJ-880X	C CAP.	8.0pF 50V	J
C0191	NCF21EZ-104X	C CAP.	0.1μF 25V	Z
C0192	NEH71CM-106X	E CAP.	10μF 16V	M
C0193	NCB21HK-103X	C CAP.	0.01μF 50V	K
C0194	NRSA02J-223X	MG R	22kΩ 1/10W	J
C0201-02	QETNOJM-477Z	E CAP.	470μF 6.3V	M
C0203-07	NCF21EZ-104X	C CAP.	0.1μF 25V	Z
C0208-09	NDC21HJ-150X	C CAP.	15pF 50V	J
C0301-19	NCF21EZ-104X	C CAP.	0.1μF 25V	Z
C0401	NEH71CM-106X	E CAP.	10μF 16V	M
C0402	NCF21EZ-104X	C CAP.	0.1μF 25V	Z
C0403	NEH71CM-106X	E CAP.	10μF 16V	M
C0404	NCF21EZ-104X	C CAP.	0.1μF 25V	Z
C0405-06	NDC21HJ-120X	C CAP.	12pF 50V	J
C0408-13	NCB21HK-103X	C CAP.	0.01μF 50V	K
C0414	NCF21EZ-104X	C CAP.	0.1μF 25V	Z
C0415	NEH71HM-105X	E CAP.	1μF 50V	M
C0416	NEH71CM-106X	E CAP.	10μF 16V	M
C0417	NCF21EZ-104X	C CAP.	0.1μF 25V	Z
C0420	NEH71HM-105X	E CAP.	1μF 50V	M
C0422	NRSA02J-OROX	MG R	0.0Ω 1/10W	J
C0424	NEH71HM-105X	E CAP.	1μF 50V	M
C0425	NEH71CM-476X	E CAP.	47μF 16V	M
C0426	NCF21EZ-104X	C CAP.	0.1μF 25V	Z
C0432	NRSA02J-OROX	MG R	0.0Ω 1/10W	J
C0434	NEH71HM-105X	E CAP.	1μF 50V	M
C0435	NCF21EZ-104X	C CAP.	0.1μF 25V	Z
C0452	NRSA02J-OROX	MG R	0.0Ω 1/10W	J
C0454	NEH71HM-105X	E CAP.	1μF 50V	M
C0455	NCF21EZ-104X	C CAP.	0.1μF 25V	Z
C0472	NRSA02J-OROX	MG R	0.0Ω 1/10W	J
C0474	NEH71HM-105X	E CAP.	1μF 50V	M
C0475-76	NCF21EZ-104X	C CAP.	0.1μF 25V	Z
C0477	NDC21HJ-561X	C CAP.	560pF 50V	J
C0501	NCB21HK-333X	C CAP.	0.033μF 50V	K
C0504	NCB21HK-562X	C CAP.	5600pF 50V	K
C0505-06	NCB21HK-393X	C CAP.	0.039μF 50V	K
C0601	NCF21EZ-104X	C CAP.	0.1μF 25V	Z
C0602	NEH71CM-476X	E CAP.	47μF 16V	M
C0603	NCF21EZ-104X	C CAP.	0.1μF 25V	Z
C0605	NCF21EZ-104X	C CAP.	0.1μF 25V	Z
C0606	NDC21HJ-681X	C CAP.	680pF 50V	J
C0701	NCB21HK-102X	C CAP.	1000pF 50V	K
C0706	NCB21EK-154X	C CAP.	0.15μF 25V	K
C0707	NCB21EK-104X	C CAP.	0.1μF 25V	K
C0708	NCB21HK-103X	C CAP.	0.01μF 50V	K
C0709	NCF21EZ-104X	C CAP.	0.1μF 25V	Z
C0710	NEH71CM-106X	E CAP.	10μF 16V	M
C0711	NCF21EZ-104X	C CAP.	0.1μF 25V	Z
C0712	NEH71CM-106X	E CAP.	10μF 16V	M
C0713	NCB21HK-223X	C CAP.	0.022μF 50V	K
L0001-05	NQL02BJ-4R7X	COIL	4.7μH	
L0101	NQL01K-3R3X	COIL	3.3μH	
L0121	NQL01K-3R3X	COIL	3.3μH	
L0141	NQL01K-3R3X	COIL	3.3μH	
L0161	NQL02BJ-100X	COIL	10μH	
L0162	NQL02BJ-3R3X	COIL	3.3μH	
L0163-64	NQL02BJ-100X	COIL	10μH	

△	Symbol No.	Part No.	Part Name	Description
COIL				
L0201-02	NQL02BJ-100X	COIL		10μH
L0301-02	NQL02BJ-4R7X	COIL		4.7μH
DIODE				
D0001	MA152WK-X	SI.DIODE		
D0101-02	MA3068/M/-X	ZENER DIODE		
D0103	MA3043-X	ZENER DIODE		
D0104-05	MA111-X	SI.DIODE		
D0106	MA3068/M/-X	ZENER DIODE		
D0107	MA111-X	SI.DIODE		
D0401	MA111-X	SI.DIODE		
D0403-10	MA3068/M/-X	ZENER DIODE		
D0411-13	MA111-X	SI.DIODE		
D0414	MA3068/M/-X	ZENER DIODE		
D0701	MA111-X	SI.DIODE		
TRANSISTOR				
Q0101	2SA1162/YG/-X	SI.TRANSISTOR		
Q0102	2SC2712/YG/-X	SI.TRANSISTOR		
Q0103	2SA1162/YG/-X	SI.TRANSISTOR		
Q0104	2SC2712/YG/-X	SI.TRANSISTOR		
Q0105	2SA1162/YG/-X	SI.TRANSISTOR		
Q0106-07	2SC2712/YG/-X	SI.TRANSISTOR		
Q0108	2SA1162/YG/-X	SI.TRANSISTOR		
Q0109-10	2SC2712/YG/-X	SI.TRANSISTOR		
Q0111	2SA1162/YG/-X	SI.TRANSISTOR		
Q0121	2SA1162/YG/-X	SI.TRANSISTOR		
Q0122	2SC2712/YG/-X	SI.TRANSISTOR		
Q0123	2SA1162/YG/-X	SI.TRANSISTOR		
Q0124	2SC2712/YG/-X	SI.TRANSISTOR		
Q0141	2SA1162/YG/-X	SI.TRANSISTOR		
Q0142	2SC2712/YG/-X	SI.TRANSISTOR		
Q0143	2SA1162/YG/-X	SI.TRANSISTOR		
Q0144	2SC2712/YG/-X	SI.TRANSISTOR		
Q0151-52	2SC2712/YG/-X	SI.TRANSISTOR		
Q0153	2SA1162/YG/-X	SI.TRANSISTOR		
Q0154	2SC2712/YG/-X	SI.TRANSISTOR		
Q0155	2SA1162/YG/-X	SI.TRANSISTOR		
Q0402	2SC2712/YG/-X	SI.TRANSISTOR		
Q0403-05	2SA1162/YG/-X	SI.TRANSISTOR		
Q0411	2SA1162/YG/-X	SI.TRANSISTOR		
Q0412-15	2SC2712/YG/-X	SI.TRANSISTOR		
Q0431	2SA1162/YG/-X	SI.TRANSISTOR		
Q0432-35	2SC2712/YG/-X	SI.TRANSISTOR		
Q0451	2SA1162/YG/-X	SI.TRANSISTOR		
Q0452-55	2SC2712/YG/-X	SI.TRANSISTOR		
Q0471	2SA1162/YG/-X	SI.TRANSISTOR		
Q0472-74	2SC2712/YG/-X	SI.TRANSISTOR		
Q0501	2SC2712/YG/-X	SI.TRANSISTOR		
Q0601	2SC2712/YG/-X	SI.TRANSISTOR		
Q0702	2SC2712/YG/-X	SI.TRANSISTOR		
IC				
IC0101	SDA9206	I.C		
IC0102	TC4W66F-X	I.C.(DIGI-MOS)		
IC0201	SDA9400	I.C		
IC0301	JCC5043	I.C(DIGI-MOS)		
IC0401	DDP3310B/E4-W	I.C(M)		
OTHERS				
IC0601	SN74LV04ANS-X	I.C(DIGI-MOS)		
IC0602	TC74AC00F-X	I.C(DIGI-MOS)		
IC0603	MN1382/Q/-X	I.C(MONO-ANA)		
IC0701-02	NJM4556AM-XE	I.C(MONO-ANA)		
LC0001-04	CE42482-103Y	EMI FILTER		
LC0101-03	CE42482-470Y	EMI FILTER		
LC0104	CE42126-101Y	EMI FILTER		
LC0201	CE42482-103Y	EMI FILTER		

△	Symbol No.	Part No.	Part Name	Description
OTHERS				
LC0401-11	CE42126-220Y	FILTER		
LC0601	CE42126-101Y	FILTER		
LC0602	CE42482-470Y	EMI FILTER		
LC0603	CE42126-101Y	FILTER		
X0101	QAX0549-001Z	X TAL		
X0201	QAX0359-001Z	CRYSTAL		
X0401	QAX0548-001Z	CRYSTAL		
Y0001-14	NRSA02J-OROX	MG R		0.0Ω 1/10W J
Y0017-28	NRSA02J-OROX	MG R		0.0Ω 1/10W J

AV-32WFP1EK(A)**PRINTED WIRING BOARD PARTS LIST****MAIN PW BOARD ASS'Y (SMD-1904A-U2)**

△ Symbol No.	Part No.	Part Name	Description	△ Symbol No.	Part No.	Part Name	Description
RESISTOR							
R1002	NRSA02J-103X	MG R	10kΩ 1/10W J	R1221	NRSA02J-391X	MG R	390Ω 1/10W J
R1003-06	NRSA02J-102X	MG R	1kΩ 1/10W J	R1222	NRSA02J-823X	MG R	82kΩ 1/10W J
R1101-03	NRSA02J-102X	MG R	1kΩ 1/10W J	R1223	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1104	NRSA02J-681X	MG R	680Ω 1/10W J	R1224	NRSA02J-391X	MG R	390Ω 1/10W J
R1105	NRSA02J-392X	MG R	3.9kΩ 1/10W J	R1225-26	NRSA02J-223X	MG R	22kΩ 1/10W J
R1107	NRSA02J-391X	MG R	390Ω 1/10W J	R1227	NRSA02J-104X	MG R	100kΩ 1/10W J
R1108	NRSA02J-102X	MG R	1kΩ 1/10W J	R1228	NRSA02J-560X	MG R	56Ω 1/10W J
R1109	NRSA02J-103X	MG R	10kΩ 1/10W J	R1229	QRK126J-181X	C R	180Ω 1/2W J
R1110	NRSA02J-472X	MG R	4.7kΩ 1/10W J	R1231	QRG01GJ-101	OM R	100Ω 1W J
R1111	NRSA02J-821X	MG R	820Ω 1/10W J	R1232	NRSA02J-101X	MG R	100Ω 1/10W J
R1112	NRSA02J-101X	MG R	100Ω 1/10W J	R1233	NRSA02J-222X	MG R	2.2kΩ 1/10W J
R1113	NRSA02J-102X	MG R	1kΩ 1/10W J	R1242	NRSA02J-223X	MG R	22kΩ 1/10W J
R1121-22	NRSA02J-0R0X	MG R	0.0Ω 1/10W J	R1243	NRSA02J-473X	MG R	47kΩ 1/10W J
R1123	NRSA02J-152X	MG R	1.5kΩ 1/10W J	R1244	NRSA02J-683X	MG R	68kΩ 1/10W J
R1124	NRSA02J-821X	MG R	820Ω 1/10W J	R1245	NRSA02J-153X	MG R	15kΩ 1/10W J
R1125-27	NRSA02J-103X	MG R	10kΩ 1/10W J	R1246	NRSA02J-103X	MG R	10kΩ 1/10W J
R1128	NRSA02J-153X	MG R	15kΩ 1/10W J	R1247	NRSA02J-473X	MG R	47kΩ 1/10W J
R1131-33	NRSA02J-102X	MG R	1kΩ 1/10W J	R1248	NRSA02J-273X	MG R	27kΩ 1/10W J
R1134	NRSA02J-681X	MG R	680Ω 1/10W J	R1249	NRSA02J-103X	MG R	10kΩ 1/10W J
R1135	NRSA02J-561X	MG R	560Ω 1/10W J	R1250	NRSA02J-222X	MG R	2.2kΩ 1/10W J
R1136	NRSA02J-681X	MG R	680Ω 1/10W J	R1251	NRSA02J-333X	MG R	33kΩ 1/10W J
R1137	NRSA02J-102X	MG R	1kΩ 1/10W J	R1252	NRSA02J-222X	MG R	2.2kΩ 1/10W J
R1138	NRSA02J-391X	MG R	390Ω 1/10W J	R1253	NRSA02J-333X	MG R	33kΩ 1/10W J
R1140	NRSA02J-103X	MG R	10kΩ 1/10W J	R1254	NRSA02J-823X	MG R	82kΩ 1/10W J
R1141	NRSA02J-472X	MG R	4.7kΩ 1/10W J	R1255	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1142	NRSA02J-821X	MG R	820Ω 1/10W J	R1256	NRSA02J-391X	MG R	390Ω 1/10W J
R1151	NRSA02J-222X	MG R	2.2kΩ 1/10W J	R1257	NRSA02J-823X	MG R	82kΩ 1/10W J
R1152-53	NRSA02J-102X	MG R	1kΩ 1/10W J	R1258	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1154	NRSA02J-681X	MG R	680Ω 1/10W J	R1259	NRSA02J-391X	MG R	390Ω 1/10W J
R1155	NRSA02J-561X	MG R	560Ω 1/10W J	R1260-61	NRSA02J-223X	MG R	2.2kΩ 1/10W J
R1156	NRSA02J-681X	MG R	680Ω 1/10W J	R1262	NRSA02J-104X	MG R	100kΩ 1/10W J
R1157	NRSA02J-102X	MG R	1kΩ 1/10W J	R1263	NRSA02J-222X	MG R	2.2kΩ 1/10W J
R1158	NRSA02J-391X	MG R	390Ω 1/10W J	R1264	NRSA02J-333X	MG R	33kΩ 1/10W J
R1160	NRSA02J-103X	MG R	10kΩ 1/10W J	R1265	NRSA02J-222X	MG R	2.2kΩ 1/10W J
R1161	NRSA02J-472X	MG R	4.7kΩ 1/10W J	R1266	NRSA02J-333X	MG R	33kΩ 1/10W J
R1162	NRSA02J-821X	MG R	820Ω 1/10W J	R1267-69	NRSA02J-750X	MG R	75Ω 1/10W J
R1171	NRSA02J-103X	MG R	10kΩ 1/10W J	R1277-79	NRSA02J-750X	MG R	75Ω 1/10W J
R1172	NRSA02J-562X	MG R	5.6kΩ 1/10W J	R1280	NRSA02J-223X	MG R	2.2kΩ 1/10W J
R1173	NRSA02J-221X	MG R	220Ω 1/10W J	R1281	NRSA02J-473X	MG R	47kΩ 1/10W J
R1174	NRSA02J-272X	MG R	2.7kΩ 1/10W J	R1282	NRSA02J-683X	MG R	68kΩ 1/10W J
R1175	NRSA02J-102X	MG R	1kΩ 1/10W J	R1283	NRSA02J-153X	MG R	15kΩ 1/10W J
R1176	NRSA02J-392X	MG R	3.9kΩ 1/10W J	R1284	NRSA02J-103X	MG R	10kΩ 1/10W J
R1177	NRSA02J-472X	MG R	4.7kΩ 1/10W J	R1285	NRSA02J-473X	MG R	47kΩ 1/10W J
R1178	NRSA02J-0R0X	MG R	0.0Ω 1/10W J	R1286	NRSA02J-273X	MG R	27kΩ 1/10W J
R1179	NRSA02J-272X	MG R	2.7kΩ 1/10W J	R1287	NRSA02J-103X	MG R	10kΩ 1/10W J
R1201-02	NRSA02J-103X	MG R	10kΩ 1/10W J	R1288	NRSA02J-222X	MG R	2.2kΩ 1/10W J
R1203	NRSA02J-750X	MG R	75Ω 1/10W J	R1289	NRSA02J-333X	MG R	33kΩ 1/10W J
R1204	QRK126J-151X	C R	150Ω 1/2W J	R1290	NRSA02J-222X	MG R	2.2kΩ 1/10W J
R1205	NRSA02J-101X	MG R	100Ω 1/10W J	R1291	NRSA02J-333X	MG R	33kΩ 1/10W J
R1206	QRG01GJ-101	OM R	100Ω 1W J	R1292	NRSA02J-271X	MG R	270Ω 1/10W J
R1207	NRSA02J-223X	MG R	22kΩ 1/10W J	R1301	NRSA02J-101X	MG R	100Ω 1/10W J
R1208	NRSA02J-473X	MG R	47kΩ 1/10W J	R1302	NRSA02J-471X	MG R	470Ω 1/10W J
R1209	NRSA02J-683X	MG R	68kΩ 1/10W J	R1303	NRSA02J-101X	MG R	100Ω 1/10W J
R1210	NRSA02J-153X	MG R	15kΩ 1/10W J	R1304	NRSA02J-471X	MG R	470Ω 1/10W J
R1211	NRSA02J-103X	MG R	10kΩ 1/10W J	R1305	NRSA02J-221X	MG R	220Ω 1/10W J
R1212	NRSA02J-473X	MG R	47kΩ 1/10W J	R1306	NRSA02J-271X	MG R	270Ω 1/10W J
R1213	NRSA02J-273X	MG R	27kΩ 1/10W J	R1307	NRSA02J-101X	MG R	100Ω 1/10W J
R1214	NRSA02J-103X	MG R	10kΩ 1/10W J	R1308	NRSA02J-471X	MG R	470Ω 1/10W J
R1215	NRSA02J-222X	MG R	2.2kΩ 1/10W J	R1309	NRSA02J-101X	MG R	100Ω 1/10W J
R1216	NRSA02J-333X	MG R	33kΩ 1/10W J	R1310	NRSA02J-471X	MG R	470Ω 1/10W J
R1217	NRSA02J-222X	MG R	2.2kΩ 1/10W J	R1311	NRSA02J-221X	MG R	220Ω 1/10W J
R1218	NRSA02J-333X	MG R	33kΩ 1/10W J	R1312	NRSA02J-271X	MG R	270Ω 1/10W J
R1219	NRSA02J-823X	MG R	82kΩ 1/10W J	R1313	NRSA02J-101X	MG R	100Ω 1/10W J
R1220	NRSA02J-0R0X	MG R	0.0Ω 1/10W J	R1314-15	NRSA02J-471X	MG R	470Ω 1/10W J

△ Symbol No.	Part No.	Part Name	Description
RESISTOR			
R1316	NRSA02J-152X	MG R	1.5kΩ 1/10W J
R1317-18	NRSA02J-101X	MG R	100Ω 1/10W J
R1319	NRSA02J-152X	MG R	1.5kΩ 1/10W J
R1320	NRSA02J-221X	MG R	220Ω 1/10W J
R1321	NRSA02J-102X	MG R	1kΩ 1/10W J
R1323-24	NRSA02J-562X	MG R	5.6kΩ 1/10W J
R1326-29	NRSA02J-152X	MG R	1.5kΩ 1/10W J
R1330	NRSA02J-103X	MG R	10kΩ 1/10W J
R1331	NRSA02J-101X	MG R	100Ω 1/10W J
R1332-33	NRSA02J-471X	MG R	470Ω 1/10W J
R1334-35	NRSA02J-152X	MG R	1.5kΩ 1/10W J
R1336	NRSA02J-101X	MG R	100Ω 1/10W J
R1337	NRSA02J-103X	MG R	10kΩ 1/10W J
R1338-40	NRSA02J-101X	MG R	100Ω 1/10W J
R1341	NRSA02J-183X	MG R	18kΩ 1/10W J
R1342	NRSA02J-823X	MG R	82kΩ 1/10W J
R1343-44	NRSA02J-101X	MG R	100Ω 1/10W J
R1345-46	NRSA02J-103X	MG R	10kΩ 1/10W J
R1347	NRSA02J-562X	MG R	5.6kΩ 1/10W J
R1348	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1349	NRSA02J-152X	MG R	1.5kΩ 1/10W J
R1350	NRSA02J-271X	MG R	270Ω 1/10W J
R1381	NRSA02J-102X	MG R	1kΩ 1/10W J
R1382	NRSA02J-182X	MG R	1.8kΩ 1/10W J
R1383	NRSA02J-123X	MG R	12kΩ 1/10W J
R1384	NRSA02J-683X	MG R	68kΩ 1/10W J
R1385	NRSA02J-273X	MG R	27kΩ 1/10W J
R1386	NRSA02J-102X	MG R	1kΩ 1/10W J
R1387	NRSA02J-683X	MG R	68kΩ 1/10W J
R1388	NRSA02J-273X	MG R	27kΩ 1/10W J
R1389	NRSA02J-102X	MG R	1kΩ 1/10W J
R1390	NRSA02J-683X	MG R	68kΩ 1/10W J
R1391	NRSA02J-273X	MG R	27kΩ 1/10W J
R1392	NRSA02J-102X	MG R	1kΩ 1/10W J
R1395-97	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1398	NRSA02J-101X	MG R	100Ω 1/10W J
R1401-02	NRSA02J-682X	MG R	6.8kΩ 1/10W J
R1403	NRSA02J-222X	MG R	2.2kΩ 1/10W J
R1404	QRX01GJ-1R0	MF R	1.0Ω 1W J
R1405	QRL029J-221	OM R	220Ω 2W J
R1406	NRSA02J-222X	MG R	2.2kΩ 1/10W J
R1407-08	QRX01GJ-1R5	MF R	1.5Ω 1W J
R1409-10	NRSA02J-103X	MG R	10kΩ 1/10W J
R1461	NRSA02J-272X	MG R	2.7kΩ 1/10W J
R1462	NRSA02J-563X	MG R	56kΩ 1/10W J
R1463	NRSA02J-104X	MG R	100kΩ 1/10W J
R1464	NRSA02J-123X	MG R	12kΩ 1/10W J
R1501	NRSA02J-332X	MG R	3.3kΩ 1/10W J
R1551	NRSA02J-100X	MG R	10Ω 1/10W J
R1552	NRSA02J-124X	MG R	120kΩ 1/10W J
R1553	NRSA02J-683X	MG R	68kΩ 1/10W J
R1554	NRSA02J-562X	MG R	5.6kΩ 1/10W J
R1555	NRSA02J-333X	MG R	33kΩ 1/10W J
R1556	NRSA02J-472X	MG R	4.7kΩ 1/10W J
R1557	NRSA02J-562X	MG R	5.6kΩ 1/10W J
R1558	NRSA02J-104X	MG R	100kΩ 1/10W J
R1559	NRSA02J-154X	MG R	150kΩ 1/10W J
R1560	NRSA02J-100X	MG R	10Ω 1/10W J
R1561	QRN143J-0R0X	C R	0.0Ω 1/4W J
R1611	NRSA02J-331X	MG R	330Ω 1/10W J
R1612	NRSA02J-561X	MG R	560Ω 1/10W J
R1613-14	NRSA02J-123X	MG R	12kΩ 1/10W J
R1615	NRSA02J-681X	MG R	680Ω 1/10W J
R1616	NRSA02J-102X	MG R	1kΩ 1/10W J
R1617-18	NRSA02J-682X	MG R	6.8kΩ 1/10W J
R1619-20	NRSA02J-223X	MG R	22kΩ 1/10W J
R1658-60	QRN143J-2R2X	C R	2.2Ω 1/4W J
R1661	NRSA02J-561X	MG R	560Ω 1/10W J
R1662-64	NRSA02J-223X	MG R	22kΩ 1/10W J
R1665	NRSA02J-104X	MG R	100kΩ 1/10W J
R1666	NRSA02J-682X	MG R	6.8kΩ 1/10W J
R1667	NRSA02J-104X	MG R	100kΩ 1/10W J

△ Symbol No.	Part No.	Part Name	Description
RESISTOR			
R1668	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1669	NRSA02J-473X	MG R	47kΩ 1/10W J
R1670	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1671	NRSA02J-273X	MG R	27kΩ 1/10W J
R1672	NRSA02J-122X	MG R	1.2kΩ 1/10W J
R1673	NRSA02J-103X	MG R	10kΩ 1/10W J
R1674	NRSA02J-563X	MG R	56kΩ 1/10W J
R1675	NRSA02J-103X	MG R	10kΩ 1/10W J
R1676	NRSA02J-273X	MG R	27kΩ 1/10W J
R1677	NRSA02J-103X	MG R	10kΩ 1/10W J
R1678	NRSA02J-563X	MG R	56kΩ 1/10W J
R1679	NRSA02J-103X	MG R	10kΩ 1/10W J
R1680	NRSA02J-273X	MG R	27kΩ 1/10W J
R1682	NRSA02J-103X	MG R	10kΩ 1/10W J
R1683	NRSA02J-562X	MG R	5.6kΩ 1/10W J
R1684	NRSA02J-473X	MG R	47kΩ 1/10W J
R1689-90	NRSA02J-103X	MG R	10kΩ 1/10W J
R1691-92	NRSA02J-123X	MG R	12kΩ 1/10W J
R1693-94	NRSA02J-103X	MG R	10kΩ 1/10W J
R1700	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1701	NRSA02J-104X	MG R	100kΩ 1/10W J
R1702	NRSA02J-823X	MG R	82kΩ 1/10W J
R1703-06	NRSA02J-102X	MG R	1kΩ 1/10W J
R1707	NRSA02J-103X	MG R	10kΩ 1/10W J
R1708	NRSA02J-102X	MG R	1kΩ 1/10W J
R1709	NRSA02J-103X	MG R	10kΩ 1/10W J
R1710	NRSA02J-821X	MG R	820Ω 1/10W J
R1711	NRSA02J-102X	MG R	1kΩ 1/10W J
R1713-14	NRSA02J-103X	MG R	10kΩ 1/10W J
R1716	NRSA02J-103X	MG R	10kΩ 1/10W J
R1718	NRSA02J-102X	MG R	1kΩ 1/10W J
R1719	NRSA02J-101X	MG R	100Ω 1/10W J
R1720	NRSA02J-102X	MG R	1kΩ 1/10W J
R1721-23	NRSA02J-472X	MG R	4.7kΩ 1/10W J
R1724-26	NRSA02J-821X	MG R	820Ω 1/10W J
R1727	NRSA02J-153X	MG R	15kΩ 1/10W J
R1728	NRSA02J-103X	MG R	10kΩ 1/10W J
R1729	NRSA02J-683X	MG R	68kΩ 1/10W J
R1730	NRSA02J-223X	MG R	22kΩ 1/10W J
R1731	NRSA02J-562X	MG R	5.6kΩ 1/10W J
R1732	NRSA02J-103X	MG R	10kΩ 1/10W J
R1733	NRSA02J-222X	MG R	2.2kΩ 1/10W J
R1734	NRSA02J-103X	MG R	10kΩ 1/10W J
R1735-36	NRSA02J-682X	MG R	6.8kΩ 1/10W J
R1737	NRSA02J-102X	MG R	1kΩ 1/10W J
R1738	NRSA02J-183X	MG R	18kΩ 1/10W J
R1739	NRSA02J-331X	MG R	330Ω 1/10W J
R1740-42	NRSA02J-103X	MG R	10kΩ 1/10W J
R1743	NRSA02J-222X	MG R	2.2kΩ 1/10W J
R1744-46	NRSA02J-103X	MG R	10kΩ 1/10W J
R1747	NRSA02J-102X	MG R	1kΩ 1/10W J
R1748	NRSA02J-103X	MG R	10kΩ 1/10W J
R1751-52	NRSA02J-103X	MG R	10kΩ 1/10W J
R1753	NRSA02J-472X	MG R	4.7kΩ 1/10W J
R1754	NRSA02J-103X	MG R	10kΩ 1/10W J
R1755	NRSA02J-472X	MG R	4.7kΩ 1/10W J
R1756-57	NRSA02J-103X	MG R	10kΩ 1/10W J
R1758-59	NRSA02J-221X	MG R	220Ω 1/10W J
R1760	NRSA02J-102X	MG R	1kΩ 1/10W J
R1761-65	NRSA02J-221X	MG R	220Ω 1/10W J
R1766	NRSA02J-103X	MG R	10kΩ 1/10W J
R1767	NRSA02J-104X	MG R	100kΩ 1/10W J
R1768	NRSA02J-823X	MG R	82kΩ 1/10W J
R1770	NRSA02J-103X	MG R	10kΩ 1/10W J
R1771	NRSA02J-392X	MG R	3.9kΩ 1/10W J
R1772-74	NRSA02J-103X	MG R	10kΩ 1/10W J
R1775-76	NRSA02J-563X	MG R	56kΩ 1/10W J
R1777	NRSA02J-223X	MG R	22kΩ 1/10W J
R1778	NRSA02J-103X	MG R	10kΩ 1/10W J
R1779	NRSA02J-333X	MG R	33kΩ 1/10W J
R1780	NRSA02J-104X	MG R	100kΩ 1/10W J
R1782	NRSA02J-0R0X	MG R	0.0Ω 1/10W J

△	Symbol No.	Part No.	Part Name	Description
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RESISTOR

R1784-86	NRSA02J-333X	MG R	33kΩ 1/10W J
R1787	NRSA02J-103X	MG R	10kΩ 1/10W J
R1788	NRSA02J-123X	MG R	12kΩ 1/10W J
R1789	NRSA02J-OR0X	MG R	0.02 1/10W J
R1791	NRSA02J-103X	MG R	10kΩ 1/10W J
R1792	NRSA02J-OR0X	MG R	0.02 1/10W J
R1793	NRSA02J-102X	MG R	1kΩ 1/10W J
R1794	NRSA02J-152X	MG R	1.5kΩ 1/10W J
R1795	NRSA02J-102X	MG R	1kΩ 1/10W J
R1796	NRSA02J-103X	MG R	10kΩ 1/10W J
R1797	NRSA02J-102X	MG R	1kΩ 1/10W J
R1820	NRSA02J-332X	MG R	3.3kΩ 1/10W J
R1880-82	NRSA02J-102X	MG R	1kΩ 1/10W J
R1883	NRSA02J-473X	MG R	47kΩ 1/10W J
R1884-86	NRSA02J-103X	MG R	10kΩ 1/10W J
R1888-89	NRSA02J-103X	MG R	10kΩ 1/10W J
R1890	NRSA02J-221X	MG R	220Ω 1/10W J
R1891	NRSA02J-273X	MG R	27kΩ 1/10W J
R1892-96	NRSA02J-221X	MG R	220Ω 1/10W J
R1897	QRG029J-220	OM R	22 Ω 2W J
R1901	NRSA02J-101X	MG R	100Ω 1/10W J
R1902	NRSA02J-223X	MG R	22kΩ 1/10W J
R1903	NRSA02J-472X	MG R	4.7kΩ 1/10W J
R1904	NRSA02J-223X	MG R	22kΩ 1/10W J
R1905	NRSA02J-102X	MG R	1kΩ 1/10W J

CAPACITOR

C1001	NCB21HK-104X	CHIP CAP.	0.1μF 50V K
C1002	QETN1HM-107Z	E CAP.	100μF 50V M
C1003	NCB21HK-104X	CHIP CAP.	0.1μF 50V K
C1004	QETN1CM-107Z	E CAP.	100μF 16V M
C1007	NCB21HK-222X	C CAP.	2200pF 50V K
C1008	QETN1HM-106Z	E CAP.	10μF 50V M
C1101-02	QETN1CM-107Z	E CAP.	100μF 16V M
C1104	QETN1EM-476Z	E CAP.	47μF 25V M
C1105	QENC1HM-474Z	BP E CAP.	0.47μF 50V M
C1106	QETN1HM-106Z	E CAP.	10μF 50V M
C1107	QETN1AM-227Z	E CAP.	220μF 10V M
C1121-22	NCB21HK-103X	C CAP.	0.01μF 50V K
C1123	QETN1EM-476Z	E CAP.	47μF 25V M
C1124-25	NCB21HK-103X	C CAP.	0.01μF 50V K
C1128	QETN1CM-107Z	E CAP.	100μF 16V M
C1129	QETN1EM-476Z	E CAP.	47μF 25V M
C1130	NCB21HK-103X	C CAP.	0.01μF 50V K
C1131	QETN1EM-476Z	E CAP.	47μF 25V M
C1132	NCB21HK-103X	C CAP.	0.01μF 50V K
C1134	NCB21HK-103X	C CAP.	0.01μF 50V K
C1135	NDC21HJ-181X	C CAP.	180pF 50V J
C1136-39	NCB21HK-103X	C CAP.	0.01μF 50V K
C1140	QETN1EM-476Z	E CAP.	47μF 25V M
C1141	NCB21HK-103X	C CAP.	0.01μF 50V K
C1151	QETN1AM-227Z	E CAP.	220μF 10V M
C1152	NCB21HK-103X	C CAP.	0.01μF 50V K
C1153	QETN1AM-107Z	E CAP.	100μF 10V M
C1154	NDC21HJ-121X	C CAP.	120pF 50V J
C1155	QETN1EM-476Z	E CAP.	47μF 25V M
C1161	QETN1EM-476Z	E CAP.	47μF 25V M
C1163	QETN1EM-476Z	E CAP.	47μF 25V M
C1171	NDC21HJ-221X	C CAP.	220pF 50V J
C1172	NDC21HJ-560X	C CAP.	56pF 50V J
C1173	NDC21HJ-221X	C CAP.	220pF 50V J
C1174	NDC21HJ-121X	C CAP.	120pF 50V J
C1192	QETN1CM-227Z	E CAP.	220μF 16V M
C1193	NCB21HK-103X	C CAP.	0.01μF 50V K
C1201	QETN1CM-227Z	E CAP.	220μF 16V M
C1202	NCB21HK-102X	C CAP.	1000pF 50V K
C1203-04	QETN1HM-105Z	E CAP.	1μF 50V M
C1205-06	QETN1HM-106Z	E CAP.	10μF 50V M
C1207	QETN1CM-227Z	E CAP.	220μF 16V M
C1211	NCB21HK-102X	C CAP.	1000pF 50V K

△	Symbol No.	Part No.	Part Name	Description
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CAPACITOR

C1212-13	QETN1HM-105Z	E CAP.	1μF 50V M
C1214-15	QETN1HM-106Z	E CAP.	10μF 50V M
C1216-17	QETN1HM-105Z	E CAP.	1μF 50V M
C1218-19	QETN1EM-476Z	E CAP.	47μF 25V M
C1220	QETN1HM-105Z	E CAP.	1μF 50V M
C1221-22	QETN1CM-107Z	E CAP.	100μF 16V M
C1223-24	QETN1HM-105Z	E CAP.	1μF 50V M
C1231-33	QETN1EM-476Z	E CAP.	47μF 25V M
C1234	NCB21HK-102X	C CAP.	1000pF 50V K
C1301	QETN1CM-227Z	E CAP.	220μF 16V M
C1302	NCB21HK-104X	CHIP CAP.	0.1μF 50V K
C1303	QETN1EM-476Z	E CAP.	47μF 25V M
C1304	QENC1CM-476Z	BP E CAP.	47μF 16V M
C1305	QETN1HM-226Z	E CAP.	22μF 50V M
C1306	NCB21HK-223X	C CAP.	0.022μF 50V K
C1307-08	QENC1HM-105Z	BP E CAP.	1μF 50V M
C1309	NDC21HJ-390X	C CAP.	39pF 50V J
C1311-13	NCB21HK-104X	CHIP CAP.	0.1μF 50V K
C1314	NCB21HK-222X	C CAP.	2200pF 50V K
C1315	NCB21CK-474X	C CAP.	0.47μF 16V K
C1316	NCB21HK-104X	CHIP CAP.	0.1μF 50V K
C1317	NCB21EK-154X	C CAP.	0.15μF 25V K
C1318	NCB21HK-104X	CHIP CAP.	0.1μF 50V K
C1319	NCB21HK-332X	C CAP.	3300pF 50V K
C1320	NCB21HK-104X	CHIP CAP.	0.1μF 50V K
C1321-22	NDC21HJ-150X	C CAP.	15pF 50V J
C1323	NCB21HK-104X	CHIP CAP.	0.1μF 50V K
C1325-26	NCB21HK-104X	CHIP CAP.	0.1μF 50V K
C1327	QETN1CM-227Z	E CAP.	220μF 16V M
C1328-32	NCB21HK-104X	CHIP CAP.	0.1μF 50V K
C1342-44	NDC21HJ-220X	C CAP.	22pF 50V J
C1345	NDC21HJ-121X	C CAP.	120pF 50V J
C1363-65	QETN1HM-106Z	E CAP.	10μF 50V M
C1381-84	QETN1EM-476Z	E CAP.	47μF 25V M
C1387-88	QETN1EM-476Z	E CAP.	47μF 25V M
C1389-90	QETNOJM-228Z	E CAP.	2200μF 6.3V M
C1392	NDC21HJ-680X	C CAP.	68pF 50V J
C1396-98	NCB21HK-104X	CHIP CAP.	0.1μF 50V K
C1403	QFLC2AJ-104Z	M CAP.	0.1μF 100V J
C1404	NCB21HK-104X	CHIP CAP.	0.1μF 50V K
C1405	NDC21HJ-820X	C CAP.	82pF 50V J
C1406	QETM1VM-108	E CAP.	1000μF 35V M
C1408	QETN1VM-337Z	E CAP.	330μF 35V M
C1409-10	QFV71HJ-474Z	MF CAP.	0.47μF 50V J
C1412	QFLC2AJ-104Z	M CAP.	0.1μF 100V J
C1417-18	QETN1CM-108Z	E CAP.	1000μF 16V M
C1419	NCB21HK-682X	C CAP.	6800pF 50V K
C1461	QETN1HM-226Z	E CAP.	22μF 50V M
C1551-52	NCB21CK-224X	C CAP.	0.22μF 16V K
C1553	QETN1EM-476Z	E CAP.	47μF 25V M
C1554-55	NCB21CK-224X	C CAP.	0.22μF 16V K
C1601-02	QDC31HJ-2R0Z	C CAP.	2.0pF 50V J
C1603-04	NCB21HK-103X	C CAP.	0.01μF 50V K
C1605-06	QETN1HM-106Z	E CAP.	10μF 50V M
C1607-08	NCF21EZ-104X	C CAP.	0.1μF 25V Z
C1609-12	QETN1HM-105Z	E CAP.	1μF 50V M
C1613-14	NDC21HJ-471X	C CAP.	470pF 50V J
C1615	NCF21EZ-104X	C CAP.	0.1μF 25V Z
C1616-18	QETN1HM-106Z	E CAP.	10μF 50V M
C1619	NCF21EZ-104X	C CAP.	0.1μF 25V Z
C1620	QETN1HM-106Z	E CAP.	10μF 50V M
C1621-24	NCB21HK-102X	C CAP.	1000pF 50V K
C1625-26	NDC21HJ-391X	C CAP.	390pF 50V J
C1627-28	NCB21HK-102X	C CAP.	1000pF 50V K
C1629	NCB21HK-103X	C CAP.	0.01μF 50V K
C1630	NCF21EZ-104X	C CAP.	0.1μF 25V Z
C1631	QETN1CM-107Z	E CAP.	100μF 16V M
C1632	NCF21EZ-104X	C CAP.	0.1μF 25V Z
C1644-45	NDC21HJ-470X	C CAP.	47pF 50V J
C1646	NDC21HJ-820X	C CAP.	82pF 50V J
C1647	NCB21HK-472X	C CAP.	4700pF 50V K
C1648	NDC21HJ-180X	C CAP.	18pF 50V J
C1651-53	QETN1HM-105Z	E CAP.	1μF 50V M

Symbol No.	Part No.	Part Name	Description
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CAPACITOR

C1654	QETN1HM-107Z	E CAP.	100μF 50V M
C1655	QETN1HM-106Z	E CAP.	10μF 50V M
C1656-57	NCF21HZ-224X	C CAP.	0.22μF 50V Z
C1658	QETM1HM-228	E CAP.	2200μF 50V M
C1659-62	NCF21HZ-224X	C CAP.	0.22μF 50V Z
C1663-65	QETM1VM-108	E CAP.	1000μF 35V M
C1667	QETN1CM-227Z	E CAP.	220μF 16V M
C1668-69	QETN1HM-105Z	E CAP.	1μF 50V M
C1670	QETN1HM-106Z	E CAP.	10μF 50V M
C1671	QETN1EM-476Z	E CAP.	47μF 25V M
C1672	NDC21HJ-100X	C CAP.	10μF 50V J
C1673	QETN1HM-105Z	E CAP.	1μF 50V M
C1674	NDC21HJ-100X	C CAP.	10μF 50V J
C1675	QETN1HM-105Z	E CAP.	1μF 50V M
C1679	QETN1HM-106Z	E CAP.	10μF 50V M
C1680-81	NDC21HJ-221X	C CAP.	220μF 50V J
C1682	QETN1CM-227Z	E CAP.	220μF 16V M
C1701	NDC21HJ-471X	C CAP.	470μF 50V J
C1702	NCB21HK-682X	C CAP.	6800pF 50V K
C1703	NCB21HK-104X	CHIP CAP.	0.1μF 50V K
C1704	QETN1AM-107Z	E CAP.	100μF 10V M
C1705-06	NDC21HJ-9R0X	C CAP.	9.0pF 50V J
C1707	NCB21HK-104X	CHIP CAP.	0.1μF 50V K
C1708	NCB21HK-333X	C CAP.	0.033μF 50V K
C1709	NCB21HK-104X	CHIP CAP.	0.1μF 50V K
C1710	QETN1EM-476Z	E CAP.	47μF 25V M
C1711	NCB21HK-104X	CHIP CAP.	0.1μF 50V K
C1712	NCB21HK-333X	C CAP.	0.033μF 50V K
C1713	NCB21HK-104X	CHIP CAP.	0.1μF 50V K
C1714	QETN1HM-474Z	E CAP.	0.47μF 50V M
C1715	QETN1EM-476Z	E CAP.	47μF 25V M
C1717	QETN1HM-106Z	E CAP.	10μF 50V M
C1718	NDC21HJ-471X	C CAP.	470pF 50V J
C1719	NCF21CZ-105X	C CAP.	1μF 16V Z
C1720	NCB21HK-102X	C CAP.	1000pF 50V K
C1757	NCS21HJ-471X	C CAP.	470pF 50V J
C1758	QETN1AM-227Z	E CAP.	220μF 10V M
C1759	NCB21HK-104X	CHIP CAP.	0.1μF 50V K
C1760-61	NDC21HJ-150X	C CAP.	15pF 50V J
C1762	NCB21HK-104X	CHIP CAP.	0.1μF 50V K
C1763	QETN1EM-476Z	E CAP.	47μF 25V M
C1764	NCB21HK-104X	CHIP CAP.	0.1μF 50V K
C1766-68	NCB21HK-104X	CHIP CAP.	0.1μF 50V K
C1769-71	QETN1HM-106Z	E CAP.	10μF 50V M
C1772	QETN1EM-476Z	E CAP.	47μF 25V M
C1773	QETN1CM-107Z	E CAP.	100μF 16V M
C1774	NDC21HJ-151X	C CAP.	150pF 50V J
C1780	NCB21HK-104X	CHIP CAP.	0.1μF 50V K
C1781	NDC21HJ-101X	C CAP.	100pF 50V J
C1782	NCB21HK-102X	C CAP.	1000pF 50V K
C1783	NDC21HJ-151X	C CAP.	150pF 50V J
C1784	QETN1CM-227Z	E CAP.	220μF 16V M
C1785	NCB21HK-102X	C CAP.	1000pF 50V K
C1901	QETN1CM-107Z	E CAP.	100μF 16V M
C1902	QETN1HM-106Z	E CAP.	10μF 50V M

TRANSFORMER

T1101	CE42697-001	LOWPASS FILTER
T1111	CE42697-001	LOWPASS FILTER
T1121	CE42697-001	LOWPASS FILTER

COIL

L1001-02	QQL01BK-8R2Z	PEAKING COIL	8.2μH
L1004	QQL01BK-5R6Z	PEAKING COIL	5.6μH
L1101	QRN143J-OROX	C R	0.0Ω 1/4W J
L1102-05	QQL03BJ-220Z	PEAKING COIL	22μH
L1111	QQL03BJ-220Z	PEAKING COIL	22μH
L1121	QQL03BJ-330Z	PEAKING COIL	33μH
L1302	NQL024J-SR6X	COIL	5.6μH
L1601-02	QRN143J-OROX	C R	0.0Ω 1/4W J

Symbol No.	Part No.	Part Name	Description
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COIL

L1604	QQL01BJ-180Z	PEAKING COIL	18μH
L1605	QQL01BJ-220Z	PEAKING COIL	22μH
L1701	QQL01BK-4R7Z	PEAKING COIL	4.7μH
L1702	QQL01BK-3R9Z	PEAKING COIL	3.9μH
L1752	QRN143J-OROX	C R	0.0Ω 1/4W J
L1753	QQL01BK-4R7Z	PEAKING COIL	4.7μH

DIODE

D1201-11	MA3130/H/-X	ZENER DIODE
D1214-15	MA3130/H/-X	ZENER DIODE
D1402	BY033D-T3	SI.DIODE
D1403-04	MA3330/L/-X	ZENER DIODE
D1461	MA111-X	SI.DIODE
D1462	MA3220/M/-X	ZENER DIODE
D1502	MA111-X	SI.DIODE
D1504	MA111-X	SI.DIODE
D1653-55	MA3330/L/-X	ZENER DIODE
D1658	MA153A-X	SI.DIODE
D1660	MA111-X	SI.DIODE
D1661	MA153A-X	SI.DIODE
D1664-65	MA111-X	SI.DIODE
D1666	MA3062/M/-X	ZENER DIODE
D1667-68	MA3150/M/-X	ZENER DIODE
D1701-02	MA111-X	SI.DIODE
D1704	1SS244-T2	SI.DIODE
D1708	MA111-X	SI.DIODE
D1709	MA3068/M/-X	ZENER DIODE
D1712	MA111-X	SI.DIODE
D1751-53	MA111-X	SI.DIODE
D1754	MA3062/M/-X	ZENER DIODE
D1771-74	MA3056/M/-X	ZENER DIODE
D1901	MA3130/H/-X	ZENER DIODE

TRANSISTOR

Q1101-04	2SC2412K/QR/-X	SI.TRANSISTOR
Q1111	2SC2412K/QR/-X	SI.TRANSISTOR
Q1112	2SA1037AK/QR/-X	SI.TRANSISTOR
Q1113-14	2SC2412K/QR/-X	SI.TRANSISTOR
Q1121	2SC2412K/QR/-X	SI.TRANSISTOR
Q1122	2SA1037AK/QR/-X	SI.TRANSISTOR
Q1123-24	2SC2412K/QR/-X	SI.TRANSISTOR
Q1131-32	2SC2412K/QR/-X	SI.TRANSISTOR
Q1201-02	2SC2712/YG/-X	SI.TRANSISTOR
Q1203	2SC1815/YG/-T	SI.TRANSISTOR
Q1204-05	2SC2712/YG/-X	SI.TRANSISTOR
Q1206-07	DTC323TK-X	DIGI.TRANSISTOR
Q1208	2SA1162/YG/-X	SI.TRANSISTOR
Q1209	2SA1015/YG/-T	SI.TRANSISTOR
Q1211	2SA1162/YG/-X	SI.TRANSISTOR
Q1213-14	2SC2712/YG/-X	SI.TRANSISTOR
Q1215-16	DTC323TK-X	DIGI.TRANSISTOR
Q1217	2SA1162/YG/-X	SI.TRANSISTOR
Q1220-21	2SC2712/YG/-X	SI.TRANSISTOR
Q1301	2SA1162/YG/-X	SI.TRANSISTOR
Q1303-04	2SA1162/YG/-X	SI.TRANSISTOR
Q1305	2SC2712/YG/-X	SI.TRANSISTOR
Q1346	2SC2712/YG/-X	SI.TRANSISTOR
Q1351	DTC124EKA-X	DIGI.TRANSISTOR
Q1381-83	2SC2712/YG/-X	SI.TRANSISTOR
Q1461-62	2SC2712/YG/-X	SI.TRANSISTOR
Q1603	2SC2712/YG/-X	SI.TRANSISTOR
Q1654-56	DTC323TK-X	DIGI.TRANSISTOR
Q1657	2SC2712/YG/-X	SI.TRANSISTOR
Q1658-60	2SA1162/YG/-X	SI.TRANSISTOR
Q1701-08	2SC2712/YG/-X	SI.TRANSISTOR
Q1709	2SA1162/YG/-X	SI.TRANSISTOR
Q1752	2SA1162/YG/-X	SI.TRANSISTOR
Q1753	DTC124EKA-X	DIGI.TRANSISTOR
Q1901	2SA1162/YG/-X	SI.TRANSISTOR
Q1902	2SC2712/YG/-X	SI.TRANSISTOR

△	Symbol No.	Part No.	Part Name	Description
I C				
IC1101	TC9090AN	I.C. (DIGI-MOS)		
IC1301	CXA1545AS	I.C. (MONO-ANA)		
IC1302	LA7222	I.C. (MONO-ANA)		
IC1303	TDA9143/N3	I.C. (MONO-ANA)		
IC1304	TDA4665/V5	I.C. (MONO-ANA)		
IC1305	LA7016	I.C. (MONO-ANA)		
IC1401	LA7841	I.C. (MONO-ANA)		
IC1551	LA6515	I.C. (MONO-ANA)		
IC1601	MSP3410D-PP-C5	I.C. (DIGI-OTHER)		
IC1651	TA8256BH	I.C. (HYBRID)		
IC1652	BA4558F-X	I.C. (MONO-ANA)		
IC1701	M37280MK-120SP	I.C.(MICRO-COMP)		
IC1702	L78L.R05E-MA	I.C. (MONO-ANA)		
IC1703	AT24C1632WFP1	I.C. (MONO-ANA)	(SERVICE)	
IC1754	SDA5275S	I.C. (MICRO-PROC)		
IC1755	MSM514400D-60ZS	I.C. (D-RAM)		
IC1756	TC4053BP/N/	I.C. (DIGI-MOS)		

OTHERS

CN1002	QGF1220C2-25	FFC/FPC CONNECTO		
K1001	QRN143J-OROX	C R	0.0Ω 1/4W	J
K1009	QRN143J-OROX	C R	0.0Ω 1/4W	J
K1101	QQR0621-002Z	BEADS CORE		
K1401	QQR0621-002Z	BEADS CORE		
K1701	QQR0621-002Z	BEADS CORE		
LC1101	TA78L005AP-T	I.C. (H)		
LC1601	CE42142-103Z	EMI FILTER		
TU1001	QAU0132-001	TUNER		
W1001-02	NRSA02J-OROX	MG R	0.0Ω 1/10W	J
X1311	CE40749-001Z	CRYSTAL		
X1312	CE40668-001Z	CRYSTAL		
X1601	CE42546-001Z	CRYSTAL		
X1701	CST8.00MTW	CER. RESONATOR		
X1752	QAQ0351-001Z	CRYSTAL		
Y1306	NRSA02J-OROX	MG R	0.0Ω 1/10W	J
Y1312-13	NRSA02J-OROX	MG R	0.0Ω 1/10W	J
Y1314	NRSA02J-682X	MG R	6.8kΩ 1/10W	J
Y1315-17	NRSA02J-OROX	MG R	0.0Ω 1/10W	J
Y1328	NRSA02J-OROX	MG R	0.0Ω 1/10W	J
Y1401	NRSA02J-OROX	MG R	0.0Ω 1/10W	J
Y1502-05	NRSA02J-OROX	MG R	0.0Ω 1/10W	J
Y1651-52	NRSA02J-OROX	MG R	0.0Ω 1/10W	J
Y1654	NRSA02J-OROX	MG R	0.0Ω 1/10W	J
Y1659-60	NRSA02J-OROX	MG R	0.0Ω 1/10W	J
Y1750-51	NRSA02J-OROX	MG R	0.0Ω 1/10W	J

POWER / DEF PW BOARD ASS'Y (SMD-2008A-U2)

Refer to PARTS LIST in page 14 for this P.W. board.

AUDIO PW BOARD ASS'Y (SMD-6001A-U2)

Refer to PARTS LIST in page 17 for this P.W. board.

**FRONT CONTROL PW BOARD ASSAY
(SMD-8008A-U2)**

Refer to PARTS LIST in page 17 for this P.W. board.

DOLBY PW BOARD ASSAY (SMD0D001A-U2)

Refer to PARTS LIST in page 18 for this P.W. board.

IF PW BOARD ASSAY (SMD0F903A-U2)

△	Symbol No.	Part No.	Part Name	Description
RESISTOR				
R0020	NRSA02J-472X	MG R	4.7kΩ 1/10W	J
R0021	NRSA02J-122X	MG R	1.2kΩ 1/10W	J
R0022	NRSA02J-331X	MG R	330Ω 1/10W	J
R0023	NRSA02J-680X	MG R	68Ω 1/10W	J
R0024	NRSA02J-330X	MG R	33Ω 1/10W	J
R0030-31	NRSA02J-150X	MG R	15Ω 1/10W	J
R0057	NRSA02J-472X	MG R	4.7kΩ 1/10W	J
R0058-59	NRSA02J-273X	MG R	27kΩ 1/10W	J
R0063	NRSA02J-822X	MG R	8.2kΩ 1/10W	J
R0064	NRSA02J-OROX	MG R	0.0Ω 1/10W	J
R0065	NRSA02J-470X	MG R	47Ω 1/10W	J
R0070-71	NRSA02J-393X	MG R	39kΩ 1/10W	J
R0080-81	NRSA02J-473X	MG R	47kΩ 1/10W	J
R0082	NRSA02J-272X	MG R	2.7kΩ 1/10W	J
R0101	NRSA02J-822X	MG R	8.2kΩ 1/10W	J
R0102	NRSA02J-471X	MG R	47Ω 1/10W	J
R0108	NRSA02J-102X	MG R	1kΩ 1/10W	J
R0109	NRSA02J-121X	MG R	120Ω 1/10W	J
R0111-12	NRSA02J-151X	MG R	150Ω 1/10W	J
R0113	NRSA02J-271X	MG R	270Ω 1/10W	J
R0114	NRSA02J-OROX	MG R	0.0Ω 1/10W	J
R0116	NRSA02J-102X	MG R	1kΩ 1/10W	J
R0140	NRSA02J-474X	MG R	470kΩ 1/10W	J
R0141	NRSA02J-101X	MG R	100Ω 1/10W	J
R0142	NRSA02J-391X	MG R	39Ω 1/10W	J
R0143	NRSA02J-750X	MG R	75Ω 1/10W	J
R0144	NRSA02J-474X	MG R	470kΩ 1/10W	J
R0145	NRSA02J-332X	MG R	3.3kΩ 1/10W	J
R0146	NRSA02J-104X	MG R	100kΩ 1/10W	J

CAPACITOR

C0020-23	NCB21HK-472X	C CAP.	4700pF 50V K
C0030	NCB21HK-472X	C CAP.	4700pF 50V K

CRT SOCKET PW BOARD ASS'Y (SMD-3005A-U2)

Refer to PARTS LIST in page 16 for this P.W. board.

△	Symbol No.	Part No.	Part Name	Description
CAPACITOR				
C0020-23	NCB21HK-472X	C CAP.	4700pF	50V K
C0030	NCB21HK-472X	C CAP.	4700pF	50V K
C0040	NCB21HK-682X	C CAP.	6800pF	50V K
C0041	QETN1CM-107Z	E CAP.	100μF	16V M
C0042	NCB21HK-103X	C CAP.	0.01μF	50V K
C0043	QETN1CM-107Z	E CAP.	100μF	16V M
C0044	NCB21HK-103X	C CAP.	0.01μF	50V K
C0045-46	NRSA02J-OROX	MG R	0.0Ω 1/10W	J
C0047	QETN1CM-227Z	E CAP.	220μF	16V M
C0048	NCB21HK-103X	C CAP.	0.01μF	50V K
C0050	QETN1HM-105Z	E CAP.	1μF	50V M
C0054	NCB21HK-103X	C CAP.	0.01μF	50V K
C0055	QETN1CM-107Z	E CAP.	100μF	16V M
C0056	QETN1HM-474Z	E CAP.	0.47μF	50V M
C0057	NDC21HJ-102X	C CAP.	1000pF	50V J
C0058	NCB21HK-472X	C CAP.	4700pF	50V K
C0060	NRSA02J-OROX	MG R	0.0Ω 1/10W	J
C0062	QETN1HM-474Z	E CAP.	0.47μF	50V M
C0063	NRSA02J-OROX	MG R	0.0Ω 1/10W	J
C0064	NCB21HK-472X	C CAP.	4700pF	50V K
C0065	QETN1HM-105Z	E CAP.	1μF	50V M
C0069-70	NCB21HK-103X	C CAP.	0.01μF	50V K
C0071	QETN1HM-336Z	E CAP.	33μF	50V
C0080-81	NCB21HK-472X	C CAP.	4700pF	50V K
C0101	QETN1CM-476Z	E CAP.	47μF	16V M
C0104	NDC21HJ-271X	C CAP.	270pF	50V J
C0105	NCB21HK-103X	C CAP.	0.01μF	50V K
C0140	QETN1HM-335Z	E CAP.	3.3μF	50V M
C0141	NDC21HJ-561X	C CAP.	560pF	50V J
C0142	QETN1HM-105Z	E CAP.	1μF	50V M
C0143	QFLC1HJ-683Z	M CAP.	0.068μF	50V J
C0144	QETN1HM-335Z	E CAP.	3.3μF	50V M
C0145	NCB21HK-222X	C CAP.	2200pF	50V K
TRANSFORMER				
T0020	QQR0626-001	I.F. TRANSF.		
T0050	CELT001-307	C.WAVE TRANSF.		
COIL				
L0020	QQLZ014-R47	PEAKING COIL	0.47μH	
L0021	NQL011K-1R5X	COIL	1.5μH	
L0030	NQL011K-2R2X	COIL	2.2μH	
L0040	NQL024J-120X	COIL	12μH	
L0042	NQL024J-330X	COIL	33μH	
L0054	NQL024J-330X	COIL	33μH	
L0070	NQL011K-5R6X	COIL	5.6μH	
L0103-04	NQL011K-8R2X	COIL	8.2μH	
TRANSISTOR				
Q0012	2SC5083/L-P/-T	SI.TRANSISTOR		
Q0080	2SC2712/YG/-X	SI.TRANSISTOR		
Q0101	2SC2712/YG/-X	SI.TRANSISTOR		
Q0107	2SA1162/YG/-X	SI.TRANSISTOR		
Q0109-10	2SC2712/YG/-X	SI.TRANSISTOR		
IC				
IC0010	TA8865BN	I.C.(MONO-ANA)		
OTHERS				
CF0010-11	QAX0620-001	C TRAP		
CF0100	TPSH6.0MB	CERAMIC FILTER		
CF0140	CSB503F30-T2	CER. RESONATOR		
SF0010	QAX0315-001	SAW FILTER		
SF0012	QAX0618-001	SAW FILTER		
W0008	NRSA02J-OROX	MG R	0.0Ω 1/10W	J
W0013	NRSA02J-OROX	MG R	0.0Ω 1/10W	J
W0025	NRSA02J-OROX	MG R	0.0Ω 1/10W	J

△	Symbol No.	Part No.	Part Name	Description
OTHERS				
W0028-29	NRSA02J-OROX	MG R	0.0Ω 1/10W	J
W0031-32	NRSA02J-OROX	MG R	0.0Ω 1/10W	J
W0036	NRSA02J-OROX	MG R	0.0Ω 1/10W	J
W0074	NRSA02J-OROX	MG R	0.0Ω 1/10W	J
W0094-96	NRSA02J-OROX	MG R	0.0Ω 1/10W	J
W0098	NRSA02J-OROX	MG R	0.0Ω 1/10W	J
Y0002-04	NRSA02J-OROX	MG R	0.0Ω 1/10W	J
AV TERMINAL PW BOARD ASS'Y (SMD0J001A-U2)				
Refer to PARTS LIST in page 21 for this P.W. board.				
PIP PW BOARD ASS'Y (SMD0P901A-U2)				
△	Symbol No.	Part No.	Part Name	Description
RESISTOR				
R0002	NRSA02J-104X	MG R	100kΩ 1/10W	J
R0003-06	NRSA02J-102X	MG R	1kΩ 1/10W	J
R0100	NRSA02J-472X	MG R	4.7kΩ 1/10W	J
R0101	NRSA02J-122X	MG R	1.2kΩ 1/10W	J
R0102	NRSA02J-331X	MG R	330Ω 1/10W	J
R0103	NRSA02J-680X	MG R	68Ω 1/10W	J
R0104	NRSA02J-330X	MG R	33Ω 1/10W	J
R0113	NRSA02J-332X	MG R	3.3kΩ 1/10W	J
R0114	NRSA02J-474X	MG R	470kΩ 1/10W	J
R0115	NRSA02J-750X	MG R	75Ω 1/10W	J
R0116	NRSA02J-101X	MG R	100Ω 1/10W	J
R0117	NRSA02J-391X	MG R	390Ω 1/10W	J
R0118	NRSA02J-474X	MG R	470kΩ 1/10W	J
R0119	NRSA02J-471X	MG R	47Ω 1/10W	J
R0120	NRSA02J-562X	MG R	5.6kΩ 1/10W	J
R0121	NRSA02J-822X	MG R	8.2kΩ 1/10W	J
R0123	NRSA02J-470X	MG R	47Ω 1/10W	J
R0126-27	NRSA02J-150X	MG R	15Ω 1/10W	J
R0131-32	NRSA02J-393X	MG R	39kΩ 1/10W	J
R0133	NRSA02J-273X	MG R	27kΩ 1/10W	J
R0134	NRSA02J-222X	MG R	2.2kΩ 1/10W	J
R0135	NRSA02J-273X	MG R	27kΩ 1/10W	J
R0138-39	NRSA02J-473X	MG R	47kΩ 1/10W	J
R0140	NRSA02J-272X	MG R	2.7kΩ 1/10W	J
R0141	NRSA02J-104X	MG R	100kΩ 1/10W	J
R0144	NRSA02J-103X	MG R	10kΩ 1/10W	J
R0145	NRSA02J-332X	MG R	3.3kΩ 1/10W	J
R0146	NRSA02J-222X	MG R	2.2kΩ 1/10W	J
R0166	NRSA02J-102X	MG R	1kΩ 1/10W	J
R0167-68	NRSA02J-151X	MG R	150Ω 1/10W	J
R0169	NRSA02J-271X	MG R	270Ω 1/10W	J
R0170	NRSA02J-222X	MG R	2.2kΩ 1/10W	J
R0171	NRSA02J-151X	MG R	150Ω 1/10W	J
R0172	NRSA02J-331X	MG R	330Ω 1/10W	J
R0174	NRSA02J-561X	MG R	560Ω 1/10W	J
R0176	NRSA02J-561X	MG R	560Ω 1/10W	J
R0178	NRSA02J-152X	MG R	1.5kΩ 1/10W	J

△	Symbol No.	Part No.	Part Name	Description
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RESISTOR

R0301	NRSA02J-153X	MG R	15kΩ 1/10W J
R0302	NRSA02J-823X	MG R	82kΩ 1/10W J
R0303-04	NRSA02J-101X	MG R	100Ω 1/10W J
R0305-07	NRSA02J-103X	MG R	10kΩ 1/10W J
R0601	NRSA02J-102X	MG R	1kΩ 1/10W J
R0602	NRSA02J-822X	MG R	8.2kΩ 1/10W J
△ R0603	QRZ9017-470	F R	47Ω 1/4W J
R0604	NRSA02J-104X	MG R	100kΩ 1/10W J
R0605	NRSA02J-683X	MG R	68kΩ 1/10W J
R0606	NRSA02J-272X	MG R	2.7kΩ 1/10W J
R0607	NRSA02J-392X	MG R	3.9kΩ 1/10W J
R0608-09	NRSA02J-562X	MG R	5.6kΩ 1/10W J
R0801-02	NRSA02J-820X	MG R	82Ω 1/10W J
R0803	NRSA02J-103X	MG R	10kΩ 1/10W J
R0804-09	NRSA02J-101X	MG R	100Ω 1/10W J
R0810-11	NRSA02J-393X	MG R	39kΩ 1/10W J
R0814-17	NRSA02J-OROX	MG R	0.0Ω 1/10W J
R0820	NRSA02J-103X	MG R	10kΩ 1/10W J
R0822	NRSA02J-103X	MG R	10kΩ 1/10W J
R0824	NRSA02J-222X	MG R	2.2kΩ 1/10W J
R0825	NRSA02J-102X	MG R	1kΩ 1/10W J
R0826	NRSA02J-222X	MG R	2.2kΩ 1/10W J
R0827	NRSA02J-OROX	MG R	0.0Ω 1/10W J
R0828	NRSA02J-331X	MG R	330Ω 1/10W J
R0829	NRSA02J-222X	MG R	2.2kΩ 1/10W J
R0830	NRSA02J-OROX	MG R	0.0Ω 1/10W J
R0831	NRSA02J-150X	MG R	15Ω 1/10W J
R0832	NRSA02J-151X	MG R	150Ω 1/10W J
R0833	NRSA02J-182X	MG R	1.8kΩ 1/10W J
R0834	NRSA02J-OROX	MG R	0.0Ω 1/10W J
R0835	NRSA02J-150X	MG R	15Ω 1/10W J
R0836	NRSA02J-151X	MG R	150Ω 1/10W J
R0837	NRSA02J-332X	MG R	3.3kΩ 1/10W J
R0838	NRSA02J-OROX	MG R	0.0Ω 1/10W J
R0839	NRSA02J-222X	MG R	2.2kΩ 1/10W J
R0840	NRSA02J-822X	MG R	8.2kΩ 1/10W J
R0841	NRSA02J-103X	MG R	10kΩ 1/10W J
R0842	NRSA02J-562X	MG R	5.6kΩ 1/10W J
R0843	NRSA02J-472X	MG R	4.7kΩ 1/10W J
R0844	NRSA02J-222X	MG R	2.2kΩ 1/10W J
R0845-48	NRSA02J-221X	MG R	220Ω 1/10W J
R0849	NRSA02J-222X	MG R	2.2kΩ 1/10W J
R0850	NRSA02J-101X	MG R	100Ω 1/10W J
R0851	NRSA02J-153X	MG R	15kΩ 1/10W J
R0852	NRSA02J-472X	MG R	4.7kΩ 1/10W J
R0853-54	NRSA02J-102X	MG R	1kΩ 1/10W J
R0855	NRSA02J-223X	MG R	22kΩ 1/10W J
R0856-58	NRSA02J-473X	MG R	47kΩ 1/10W J
R0859-62	NRSA02J-562X	MG R	5.6kΩ 1/10W J
R0867-68	NRSA02J-101X	MG R	100Ω 1/10W J
R0869-71	NRSA02J-820X	MG R	82Ω 1/10W J
R0872-74	NRSA02J-821X	MG R	820Ω 1/10W J
R0875-99	NRSA02J-820X	MG R	82Ω 1/10W J
R0900-04	NRSA02J-820X	MG R	82Ω 1/10W J

CAPACITOR

C0001	NCB21HK-222X	C CAP.	2200pF 50V K
C0002	NEH71CM-106X	E CAP.	10μF 16V M
C0005	NCF21EZ-104X	C CAP.	0.1μF 25V Z
C0006	QETN1HM-107Z	E CAP.	100pF 50V M
C0007	NEHE1EM-107X	E CAP.	100pF 25V M
C0008	NCF21EZ-104X	C CAP.	0.1μF 25V Z
C0009	NCB21HK-102X	C CAP.	1000pF 50V K
C0100	NEHE1CM-227X	E CAP.	220μF 16V M
C0102-05	NCB21HK-472X	C CAP.	4700pF 50V K
C0110	NCB21HK-222X	C CAP.	2200pF 50V K
C0111	NEH71HM-335X	E CAP.	3.3μF 50V M
C0112	QLB1HJ-683	M CAP.	0.068μF 50V J
C0113	NEH71HM-105X	E CAP.	1μF 50V M
C0114	NDC21HJ-561X	C CAP.	560pF 50V J
C0115	NEH71HM-335X	E CAP.	3.3μF 50V M

△	Symbol No.	Part No.	Part Name	Description
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RESISTOR

C0116	NEHE1EM-107X	E CAP.	100μF 25V M
C0117	NCB21HK-103X	C CAP.	0.01μF 50V K
C0118	NCB21HK-682X	C CAP.	6800pF 50V K
C0120	NEH71HM-105X	E CAP.	1μF 50V M
C0123	NEHE1EM-107X	E CAP.	100μF 25V M
C0124	NCB21HK-103X	C CAP.	0.01μF 50V K
C0125	NCB21HK-103X	C CAP.	0.01μF 50V K
C0126	NCB21HK-103X	C CAP.	0.01μF 50V K
C0129	QETM1CM-107	E CAP.	100μF 16V M
C0130	NDC21HJ-102X	C CAP.	1000pF 50V J
C0131	NEH71HM-474X	E CAP.	0.47μF 50V M
C0133	NCB21HK-472X	C CAP.	4700pF 50V K
C0134	NCB21HK-472X	C CAP.	4700pF 50V K
C0135	NEH71EM-336X	E CAP.	33μF 25V M
C0136	NCB21HK-103X	C CAP.	0.01μF 50V K
C0137	NCB21HK-472X	C CAP.	4700pF 50V K
C0138	NEH71HM-474X	E CAP.	0.47μF 50V M
C0142	NCB21HK-103X	C CAP.	0.01μF 50V K
C0143-44	NCB21HK-472X	C CAP.	4700pF 50V K
C0145	NCF21EZ-104X	C CAP.	0.1μF 25V Z
C0148	NRSA02J-OROX	MG R	0.0Ω 1/10W J
C0149	NCF21EZ-104X	C CAP.	0.1μF 25V Z
C0153	NDC21HJ-221X	C CAP.	220pF 50V J
C0154-55	NCF21EZ-104X	C CAP.	0.1μF 25V Z
C0160	NEH71CM-476X	E CAP.	47μF 16V M
C0165	NCB21HK-103X	C CAP.	0.01μF 50V K
C0166	NRSA02J-OROX	MG R	0.0Ω 1/10W J
C0304	NCB21HK-332X	C CAP.	3300pF 50V K
C0305	NCF21EZ-474X	C CAP.	0.47μF 25V Z
C0306	NEN51HM-105X	CHIP AL BP E CAP	1μF 50V M
C0307	NCF21EZ-104X	C CAP.	0.1μF 25V Z
C0308	NCB21HK-332X	C CAP.	3300pF 50V K
C0309	NCF21EZ-104X	C CAP.	0.1μF 25V Z
C0310-11	NDC21HJ-150X	C CAP.	15pF 50V J
C0312-16	NCF21EZ-104X	C CAP.	0.1μF 25V Z
C0317	QETN1AM-477Z	E CAP.	470μF 10V M
C0318-20	NCF21EZ-104X	C CAP.	0.1μF 25V Z
C0321-23	NEH71CM-476X	E CAP.	47μF 16V M
C0601	NCB21HK-393X	C CAP.	0.039μF 50V K
C0602	QETN1CM-107Z	E CAP.	100μF 16V M
C0603	NCB21HK-103X	C CAP.	0.01μF 50V K
C0604	NEH71CM-476X	E CAP.	47μF 16V M
C0605	NEH71CM-106X	E CAP.	10μF 16V M
C0606	NEH71HM-105X	E CAP.	1μF 50V M
C0800	NEH71CM-106X	E CAP.	10μF 16V M
C0801	NEH71CM-476X	E CAP.	47μF 16V M
C0802-03	NCF21EZ-104X	C CAP.	0.1μF 25V Z
C0804	NCB21HK-104X	CHIP CAP.	0.1μF 50V K
C0805-08	NCF21EZ-104X	C CAP.	0.1μF 25V Z
C0809	NCB21HK-104X	CHIP CAP.	0.1μF 50V K
C0813-14	NCF21EZ-104X	C CAP.	0.1μF 25V Z
C0817	NCB21HK-104X	CHIP CAP.	0.1μF 50V K
C0818	NCF21EZ-104X	C CAP.	0.1μF 25V Z
C0822-26	NCF21EZ-104X	C CAP.	0.1μF 25V Z
C0829-36	NCF21EZ-104X	C CAP.	0.1μF 25V Z
C0837-38	NEH71CM-476X	E CAP.	47μF 16V M
C0844	NCF21EZ-104X	C CAP.	0.1μF 25V Z
C0845	NEH71CM-476X	E CAP.	47μF 16V M
C0846	NDC21HJ-270X	C CAP.	27pF 50V J
C0850	NEH71CM-106X	E CAP.	10μF 16V M
C0851-52	NCB21EK-104X	C CAP.	0.1μF 25V K
C0853	NEH71CM-106X	E CAP.	10μF 16V M
C0854-55	NCB21EK-104X	C CAP.	0.1μF 25V K
C0856	NEH71CM-476X	E CAP.	47μF 16V M
C0857	NEH71EM-475X	E CAP.	4.7μF 25V M
C0858	NCF21EZ-104X	C CAP.	0.1μF 25V Z
C0859	NDC21HJ-220X	C CAP.	22pF 50V J
C0860	NCB21HK-680X	C CAP.	68pF 50V J
C0861	NDC21HJ-220X	C CAP.	22pF 50V J
C0862-64	NDC21HJ-680X	C CAP.	68pF 50V J
C0865	NEH71CM-106X	E CAP.	10μF 16V M
C0866-71	NCF21EZ-104X	C CAP.	0.1μF 25V Z

△ Symbol No.	Part No.	Part Name	Description
CAPACITOR			
C0872	NCB21HK-104X	CHIP CAP.	0.1μF 50V K
C0873	NCF21EZ-104X	C CAP.	0.1μF 25V Z
C0874	NCB21HK-104X	CHIP CAP.	0.1μF 50V K
C0875	NEN51HM-105X	CHIP AL BP E CAP	1μF 50V M
C0876	NDC21HJ-221X	C CAP.	220pF 50V J
C0877	NEH71CM-106X	E CAP.	10μF 16V M

TRANSFORMER

T0001	QQR0626-001	I.F. TRANSF.
T0102	CELT040-301	S.I.F. TRANSF.
T0103	CELT001-307	C.WAVE TRANSF.

COIL

L0002-05	NQL024J-100X	COIL	10μH
L0100	QQLZ014-R47	PEAKING COIL	0.47μH
L0102	NQL011K-1R5X	COIL	1.5μH
L0103	NQL024J-120X	COIL	12μH
L0107	NQL011K-2R2X	COIL	2.2μH
L0109	NQL011K-5R6X	COIL	5.6μH
L0152	NQL011K-8R2X	COIL	8.2μH
L0153	NQL011K-5R6X	COIL	5.6μH
L0165	NQL011K-4R7X	COIL	4.7μH
L0801	NQL02BJ-4R7X	COIL	4.7μH
L0803	NQL011K-4R7X	COIL	4.7μH
L0804	NQL02BJ-4R7X	COIL	4.7μH

TRANSISTOR

Q0100	2SC5083/L-P/-T	SI.TRANSISTOR
Q0105	2SC2712/YG/-X	SI.TRANSISTOR
Q0108	2SC2712/YG/-X	SI.TRANSISTOR
Q0110	2SC2712/YG/-X	SI.TRANSISTOR
Q0116	2SA1162/YG/-X	SI.TRANSISTOR
Q0168-69	2SC2712/YG/-X	SI.TRANSISTOR
Q0600-01	2SC2712/YG/-X	SI.TRANSISTOR
Q0801-04	2SA1162/YG/-X	SI.TRANSISTOR
Q0805	2SC2712/YG/-X	SI.TRANSISTOR
Q0806-07	2SA1162/YG/-X	SI.TRANSISTOR
Q0808-09	2SC2712/YG/-X	SI.TRANSISTOR
Q0810	2SA1162/YG/-X	SI.TRANSISTOR

IC

IC0101	TA8865BN	I.C. (MONO-ANA)
IC0301	TDA9143/N3	I.C. (MONO-ANA)
IC0302	TDA4665/V5	I.C. (MONO-ANA)
IC0303	LA7016	I.C. (MONO-ANA)
IC0801	SAB9079HS/N1	I.C. (DIGI-MOS)
IC0802	MSM5416283-60-X	4M VD-RAM
IC0803	AN5860	I.C. (MONO-ANA)
IC0804	TC4066BF/N/-XE	I C
IC0805	CXA1875AM-X	I.C. (MONO-ANA)

OTHERS

CF0101	LC30835-001A-C	SHIELD COVER
CF0102-03	CSB503F30-T2	CER. RESONATOR
CF0102	FTP41.50MF	CERAMIC FILTER
CF0160	TPS6.0MB	CERAMIC FILTER
CF0164	QAX0337-001	CERAMIC FILTER
K0001-02	CE41433-001Z	BEADS CORE
L0805-06	NQL011K-4R7X	COIL
SF0100	QAX0315-001	SAW FILTER
SF0102	QAX0352-002	SAW FILTER
TU0001	QAU0132-001	TUNER
UD0001	CEGA016-001	RF SPLITTER
W0001	NRSA02J-OROX	MG R
X0301	CE40749-001Z	CRYSTAL
X0302	CE40668-001Z	CRYSTAL

△ Symbol No.	Part No.	Part Name	Description
OTHERS			
Y0103-07	NRSA02J-OROX	MG R	0.0Ω 1/10W J
Y0110	NRSA02J-OROX	MG R	0.0Ω 1/10W J

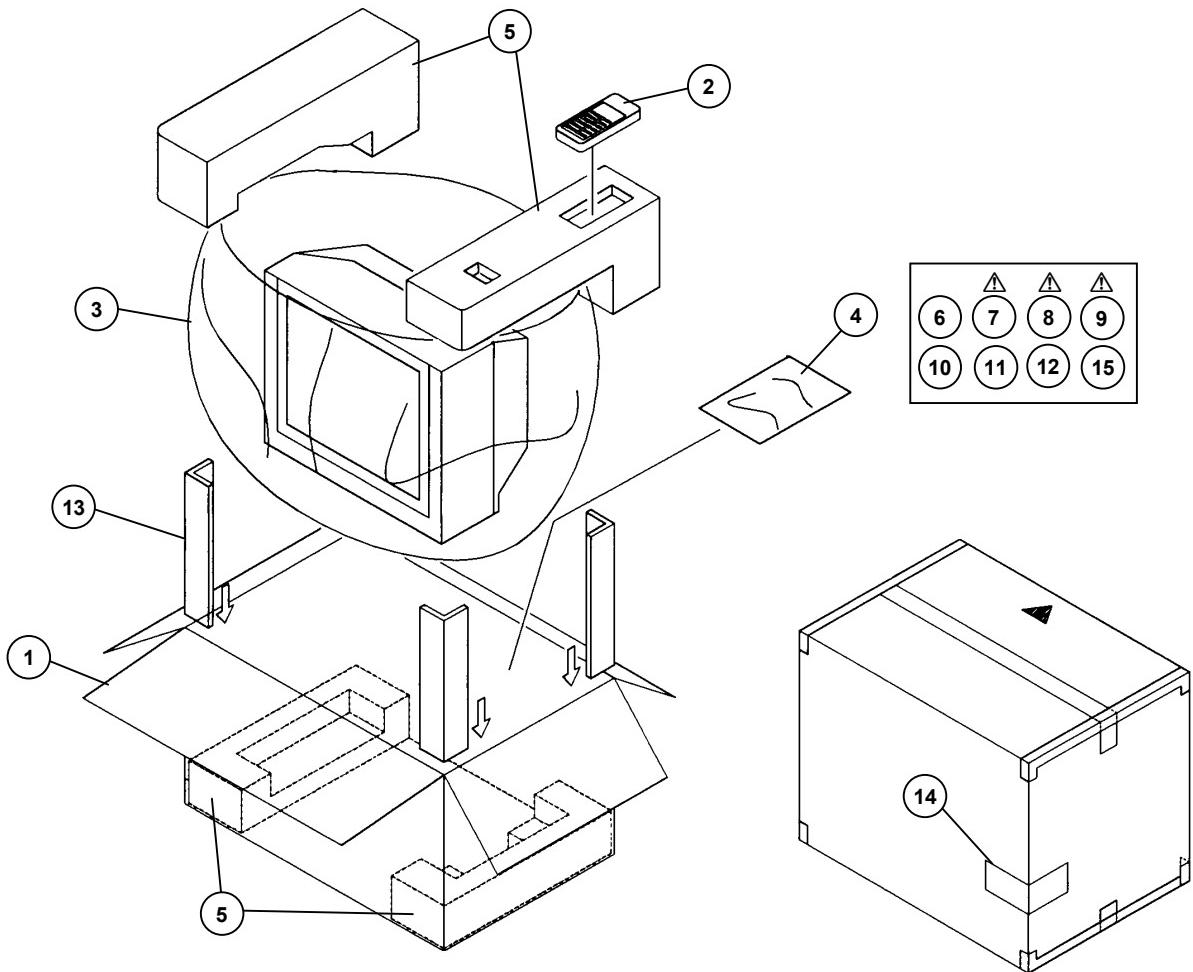
SUB MICON & AUTO PANORAMA PW BOARD ASS'Y (SMD0W001A-U2)

Refer to PARTS LIST in page 23 for this P.W. board.

100Hz PW BOARD ASS'Y (SMD0Z005A-U2)

Refer to PARTS LIST in page 24 for this P.W. board.

PACKING



PACKING PARTS LIST

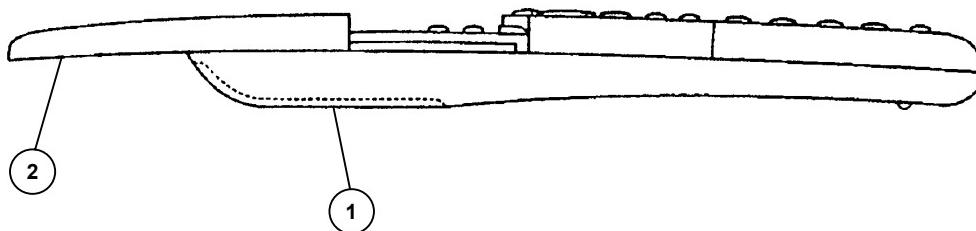
△	Symbol No.	Part No.	Part Name	Description	△	Symbol No.	Part No.	Part Name	Description
[AV-32WFP1EU(A)]									
1	AEM1002-065-E	PACKING CASE			1	AEM1002-065-E	PACKING CASE		
2	RM-C787-1E	REMOCON UNIT			2	RM-C787-1E	REMOCON UNIT		
3	AEM3021-002-E	POLY BAG			3	AEM3021-001-E	POLY BAG		
4	AEM1047-002-E	POLY BAG			4	AEM1047-002-E	POLY BAG		
5	LC10384-002C-U	PACKING CUSHION	4pcs in 1set		5	LC10384-002C-U	PACKING CUSHION		4pcs in 1set
6	BT-54013-1E	WARRANTY CARD			6	BT-54013-1E	WARRANTY CARD		
△	7	LCT0337-002A-U	INST.BOOK	For ENG/GER/FRA/NED/ITA/ESP	△	7	LCT0337-002A-U	INST.BOOK	
△	8	LCT0338-002A-U	INST.BOOK	For FIN/NOR/DEN/SWE/POR	13	AEM3119-001-E	CORNER PAD		(x4)
△	9	LCT0339-002A-U	INST.BOOK	For POL/CZE/HUN/ROM/BUL/RUS	14	AEM1052-004-E	EURO LABEL		
10	32WFP1EU-HSAE	SCH.DIAGRAM	ONLY ITALY(SERVICE)						
11	LC30789-002A-U	WARNING LABEL							
12	AEM1053-001-E	X-RAY CARD							
13	AEM3119-001-E	CORNER PAD	(x4)						
14	AEM1052-005-E	EURO LABEL							
[AV-32WFP1EUI(A)]									
1	AEM1002-065-E	PACKING CASE			1	AEM1002-065-E	PACKING CASE		
2	RM-C786-1E	REMOCON UNIT			2	RM-C786-1E	REMOCON UNIT		
3	AEM3021-001-E	POLY BAG			3	AEM3021-001-E	POLY BAG		
4	AEM1047-002-E	POLY BAG			4	AEM1047-002-E	POLY BAG		
5	LC10384-002C-U	PACKING CUSHION			5	LC10384-002C-U	PACKING CUSHION		
6	BT-54013-1E	WARRANTY CARD			6	BT-54013-1E	WARRANTY CARD		
△	7	LCT0340-002A-U	INST.BOOK		7	LCT0340-002A-U	INST.BOOK		
13	AEM3119-001-E	CORNER PAD			13	AEM3119-001-E	CORNER PAD		(x4)
14	AEM1052-003-E	EURO LABEL			14	AEM1052-003-E	EURO LABEL		
					15	AEM3148-001-E	REG. SHEET		
[AV-32WFP1EK(A)]									
1	AEM1002-065-E	PACKING CASE			1	AEM1002-065-E	PACKING CASE		
2	RM-C786-1E	REMOCON UNIT			2	RM-C786-1E	REMOCON UNIT		
3	AEM3021-001-E	POLY BAG			3	AEM3021-001-E	POLY BAG		
4	AEM1047-002-E	POLY BAG			4	AEM1047-002-E	POLY BAG		
5	LC10384-002C-U	PACKING CUSHION			5	LC10384-002C-U	PACKING CUSHION		
6	BT-54013-1E	WARRANTY CARD			6	BT-54013-1E	WARRANTY CARD		
△	7	LCT0340-002A-U	INST.BOOK		7	LCT0340-002A-U	INST.BOOK		
13	AEM3119-001-E	CORNER PAD			13	AEM3119-001-E	CORNER PAD		(x4)
14	AEM1052-003-E	EURO LABEL			14	AEM1052-003-E	EURO LABEL		
					15	AEM3148-001-E	REG. SHEET		

REMOTE CONTROL UNIT PARTS LIST

[AV-32WFP1EU(A) / AV-32WFP1EUI(A) : RM-C787-1E]

[AV-32WFP1EK(A) : RM-C786-1E]

Ref. No.	Part No.	Part Name	Description	Local
RM-C787-1E				
1	BGV110202A	BATTERY COVER		
2	BGV110312A	SLIDE COVER		
RM-C786-1E				
1	BGV110202A	BATTERY COVER		
2	BGV110311A	SLIDE COVER		



JVC

VICTOR COMPANY OF JAPAN, LIMITED

TELEVISION RECEIVER DIVISION 1106 Heta, Iwai-city, Ibaraki-prefecture, 306-0698, Japan

32WFP1EUACKD #3
32WFP1EUIACK #3
32WFP1EKACKD #3

 Printed in Japan
VP 0006
DP1052

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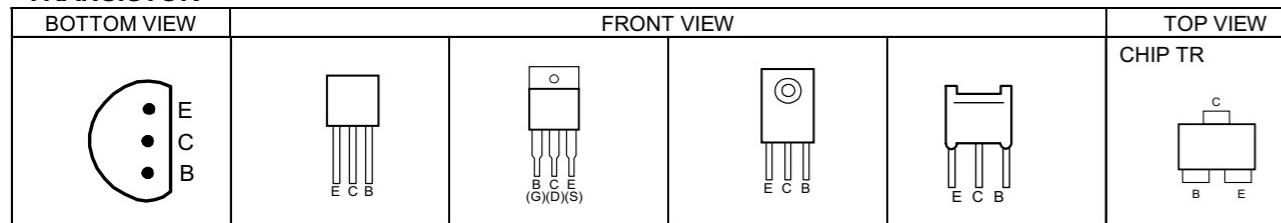
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PATTERN DIAGRAMS

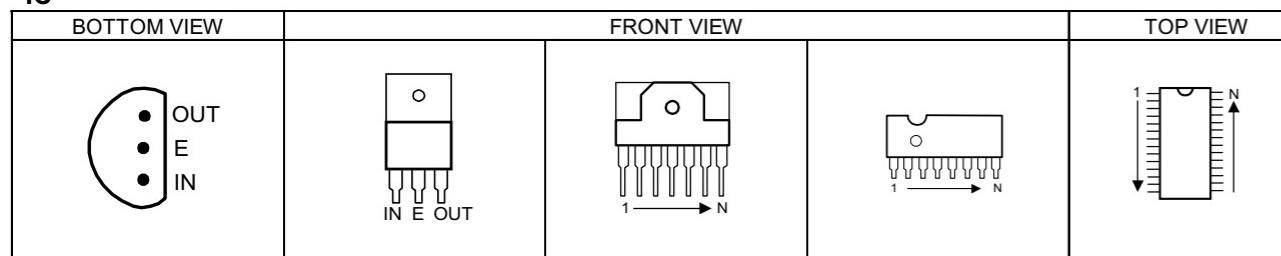
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SEMICONDUCTOR SHAPES

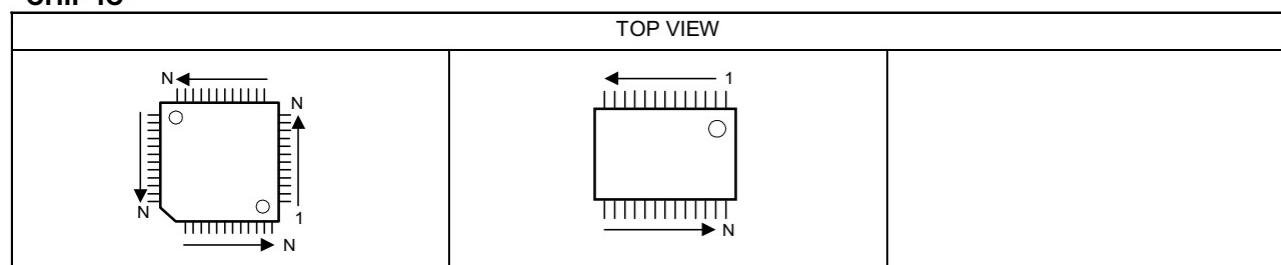
TRANSISTOR



IC



CHIP IC



AV-32WFP1EU_(A)

AV-32WFP1EUI_(A)

AV-32WFP1EK_(A)

■ NOTE ON USING CIRCUIT DIAGRAMS

1. SAFETY

The components identified by the Δ symbol and shading are critical for safety. For continued safety replace safety critical components only with manufacturer's recommended parts.

2. SPECIFIED VOLTAGE AND WAVEFORM VALUES

The voltage and waveform values have been measured under the following conditions.

(1) Input signal :PAL Colour bar signal

(2) Setting positions of each knob/button and variable resistor

:Original setting position
when shipped

(3) Internal resistance of tester :DC 20k Ω /V

(4) Oscilloscope sweeping time :H \Rightarrow 20 μ s/div

:V \Rightarrow 5ms/div

:Others \Rightarrow Sweeping time is specified

(5) Voltage values :All DC voltage values

* Since the voltage values of signal circuit vary to some extent according to adjustments, use them as reference values.

3. INDICATION OF PARTS SYMBOL [EXAMPLE]

In the PW board :R1209→R209

4. INDICATIONS ON THE CIRCUIT DIAGRAM

(1) Resistors

● Resistance value

No unit :[Ω]

K :[K Ω]

M :[M Ω]

● Rated allowable power

No indication :1/10[W]

Others :As specified

● Type

No indication :Carbon resistor

OMR :Oxide metal film resistor

MFR :Metal film resistor

MPR :Metal plate resistor

UNFR :Uninflammable resistor

FR :Fusible resistor

* Composition resistor 1/2 [W] is specified as 1/2S or Comp.

(2) Capacitors

● Capacitance value

1 or higher :[pF]

less than 1 :[μ F]

● Withstand voltage

No indication :DC50[V]

AC indicated :AC withstand voltage [V]

Others :DC withstand voltage [V]

* Electrolytic Capacitors

47/50[Example]:Capacitance value [μ F]/withstand voltage[V]

● Type	
No indication	:Ceramic capacitor
MY	:Mylar capacitor
MM	:Metallized mylar capacitor
PP	:Polypropylene capacitor
MPP	:Metallized polypropylene capacitor
MF	:Metallized film capacitor
TF	:Thin film capacitor
BP	:Bipolar electrolytic capacitor
TAN	:Tantalum capacitor
(3) Coils	
No unit	:[μ H]
Others	:As specified
(4) Power Supply	
	:B1
	:B2
	:9V
	:5V

* Respective voltage values are indicated

(5) Test point	
	:Test point
	:Only test point display
(6) Connecting method	
	:Connector
	:Wrapping or soldering
	:Receptacle

(7) Ground symbol	
	:LIVE side ground
	:ISOLATED(NEUTRAL) side ground
	:EARTH ground
	:DIGITAL ground

5. NOTE FOR REPAIRING SERVICE

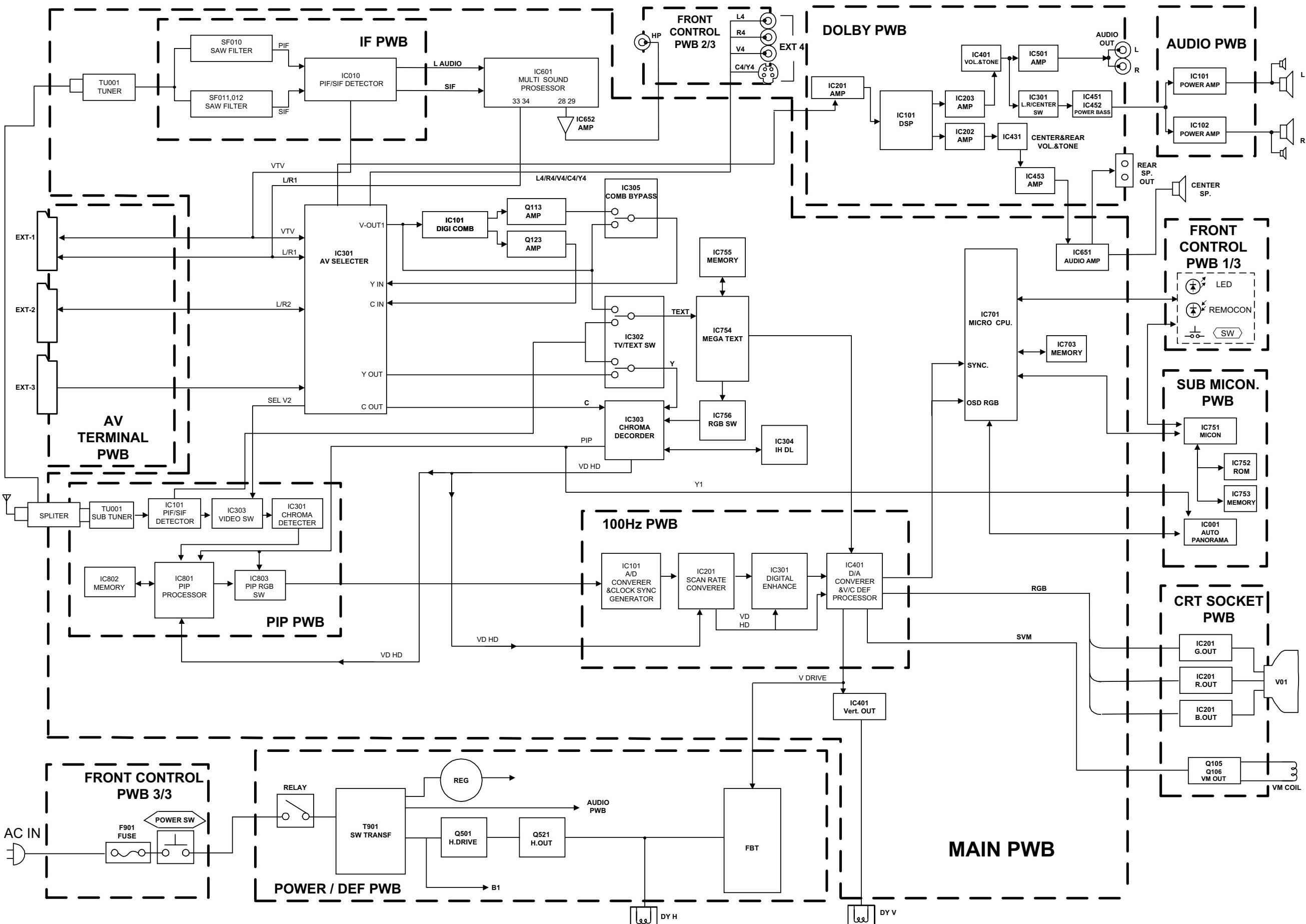
This model's power circuit is partly different in the GND. The difference of the GND is shown by the LIVE : (\perp) side GND and the ISOLATED(NEUTRAL) : ($\not\perp$) side GND. Therefore, care must be taken for the following points.

(1) Do not touch the LIVE side GND or the LIVE side GND and the ISOLATED(NEUTRAL) side GND simultaneously. If the above caution is not respected, an electric shock may be caused. Therefore, make sure that the power cord is surely removed from the receptacle when, for example, the chassis is pulled out.

(2) Do not short between the LIVE side GND and the ISOLATED(NEUTRAL) side GND or never measure with a measuring apparatus (oscilloscope, etc.) the LIVE side GND and ISOLATED(NEUTRAL) side GND at the same time. If the above precaution is not respected, a fuse or any parts will be broken.

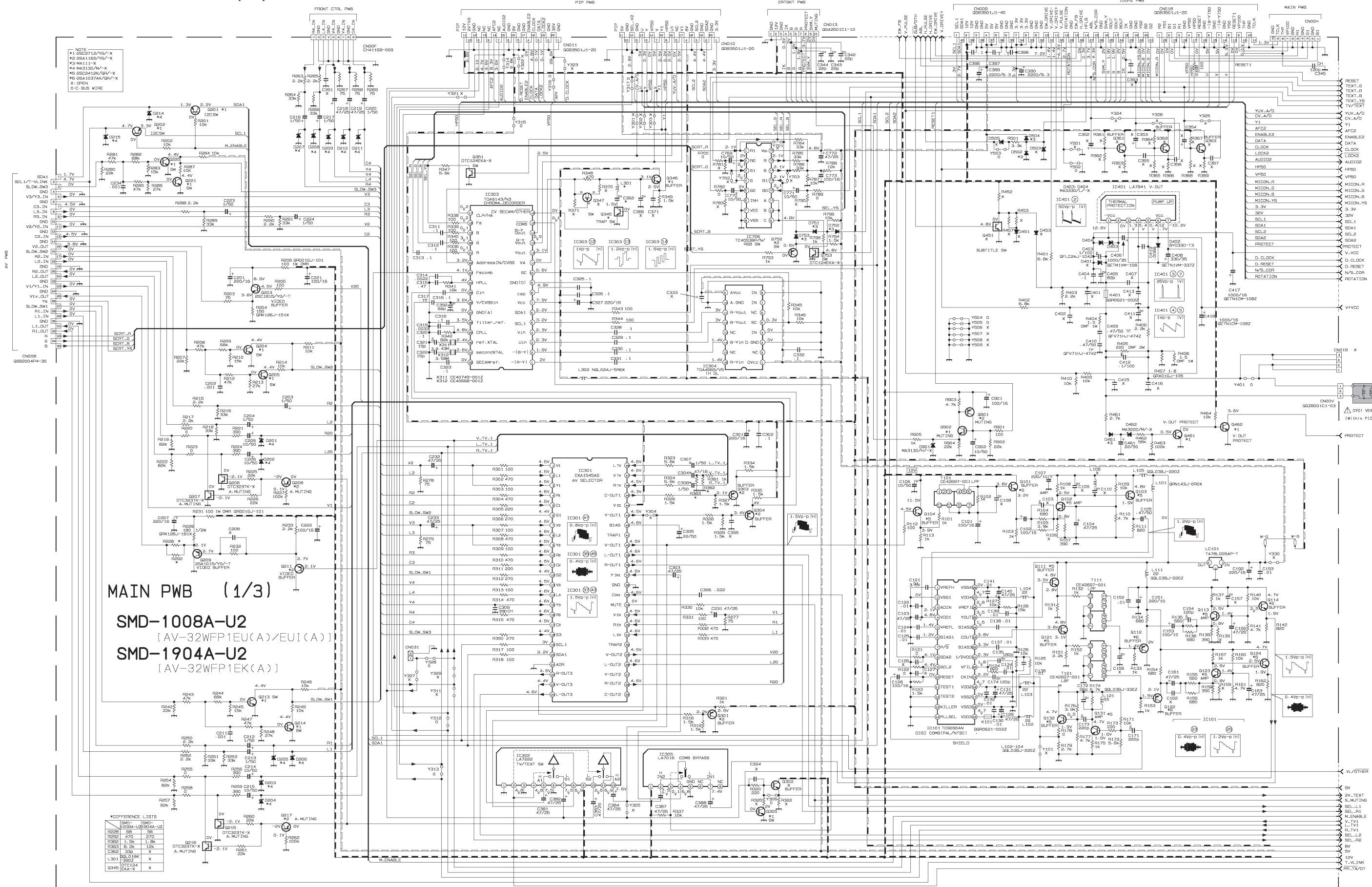
◇ Since the circuit diagram is a standard one, the circuit and circuit constants may be subject to change for improvement without any notice.

BLOCK DIAGRAM

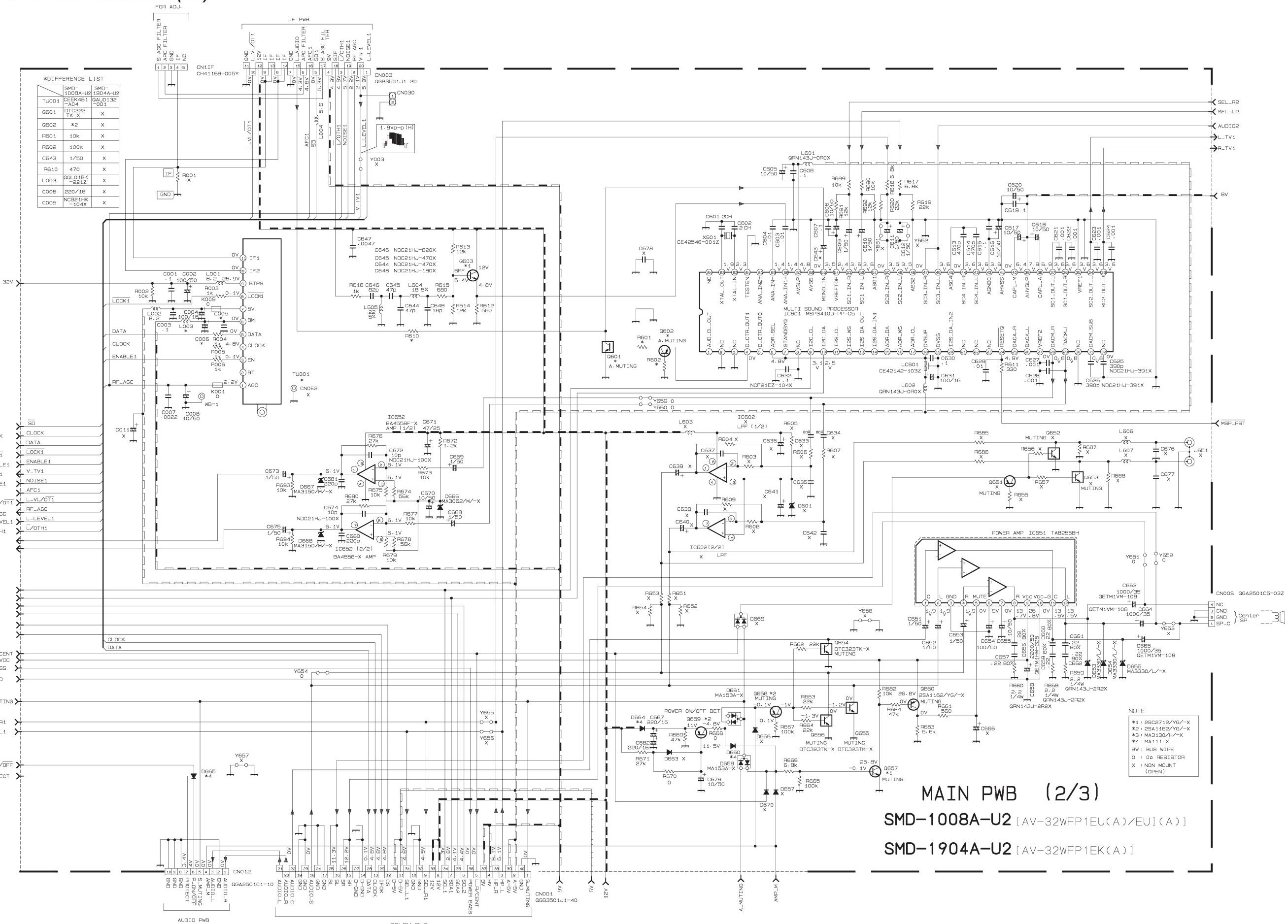


CIRCUIT DIAGRAMS

MAIN PWB CIRCUIT DIAGRAM (1/3)



MAIN PWB CIRCUIT DIAGRAM (2/3)

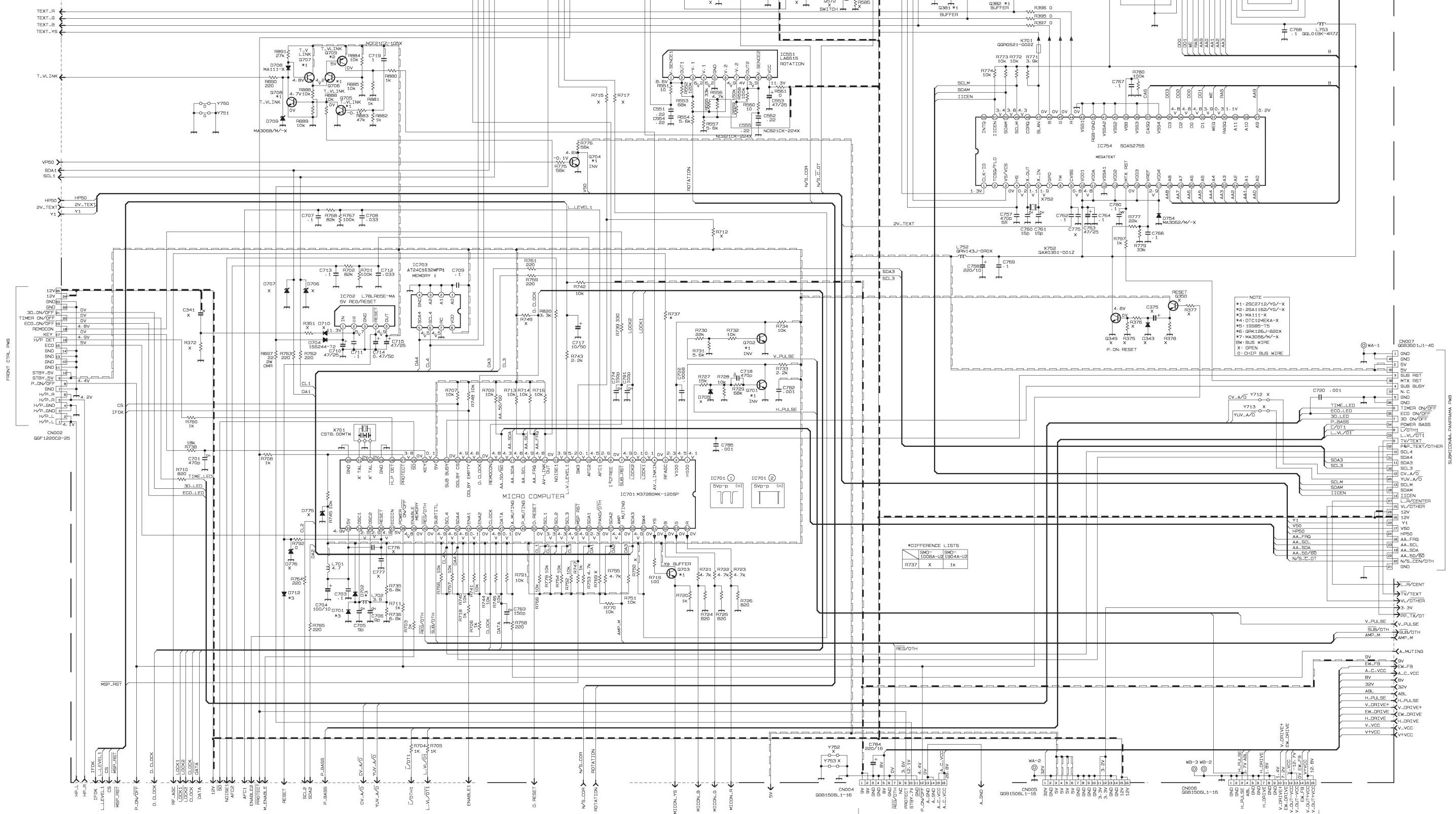


MAIN PWB CIRCUIT DIAGRAM (3/3)

AV-32WFP1EU
AV-32WFP1EUI
AV-32WFP1EK

AV-32WFP1EU
AV-32WFP1EUI
AV-32WFP1EK

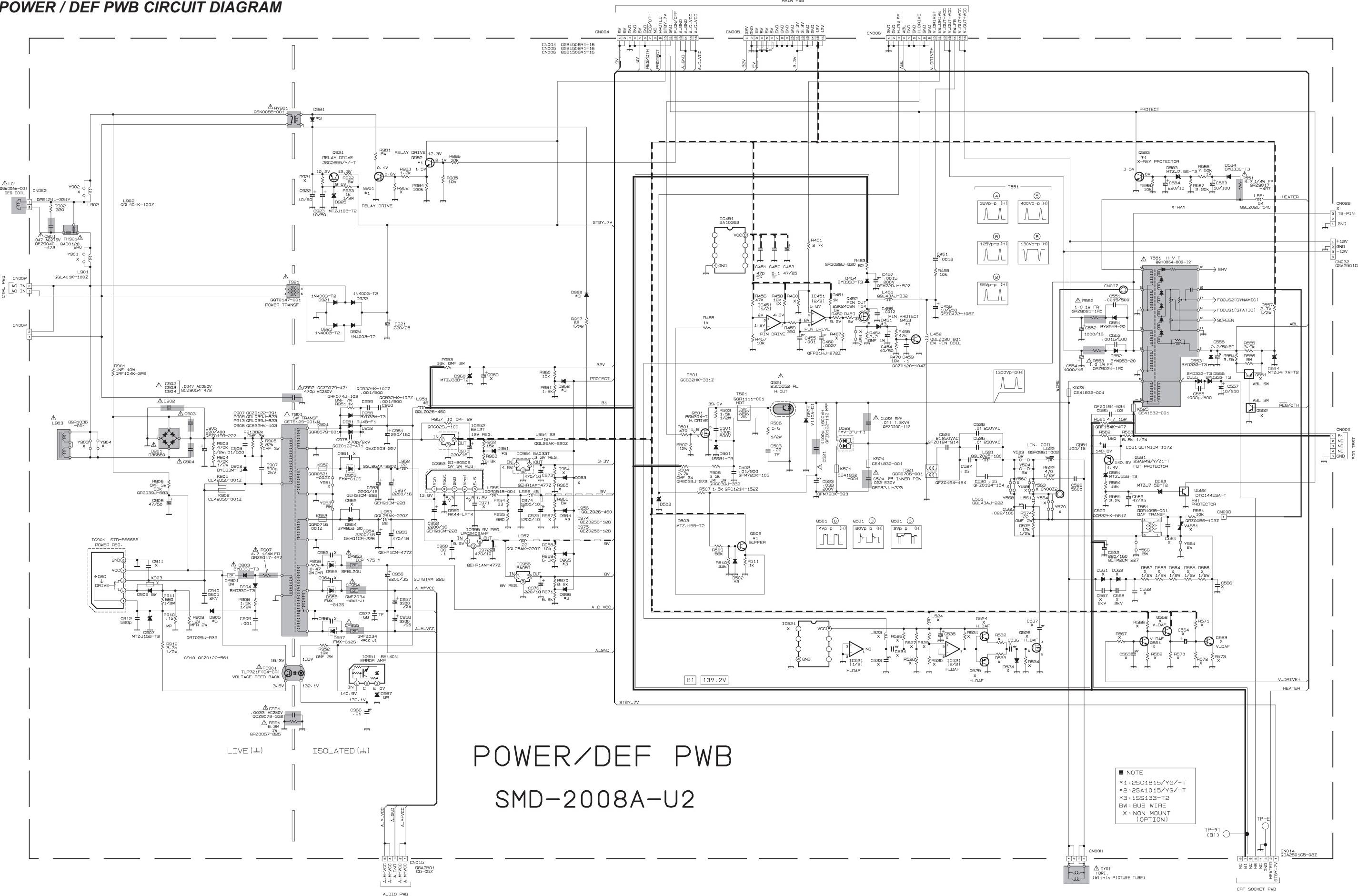
MAIN PWB (3/3)
SMD-1008A-U2 [AV-32WFP1EU(A)/EUI(A)]
SMD-1904A-U2 [AV-32WFP1EK(A)]



POWER / DEF PWB CIRCUIT DIAGRAM

AV-32WFP1EU
AV-32WFP1EUI
AV-32WFP1EK

AV-32WFP1EU
AV-32WFP1EUI
AV-32WFP1EK



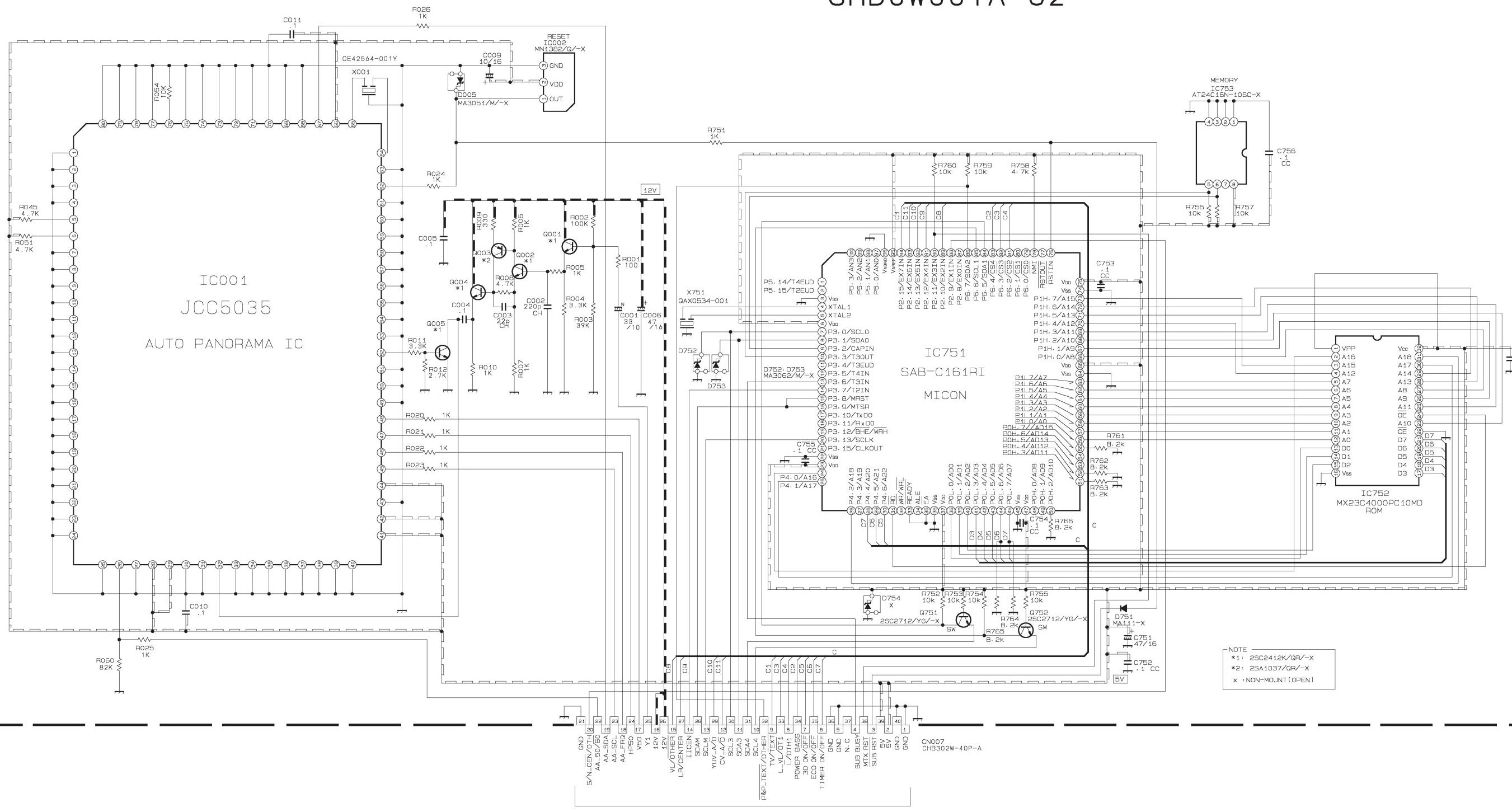
POWER/DEF PWB
SMD-2008A-U2

SUB MICON & AUTO PANORAMA PWB CIRCUIT DIAGRAM

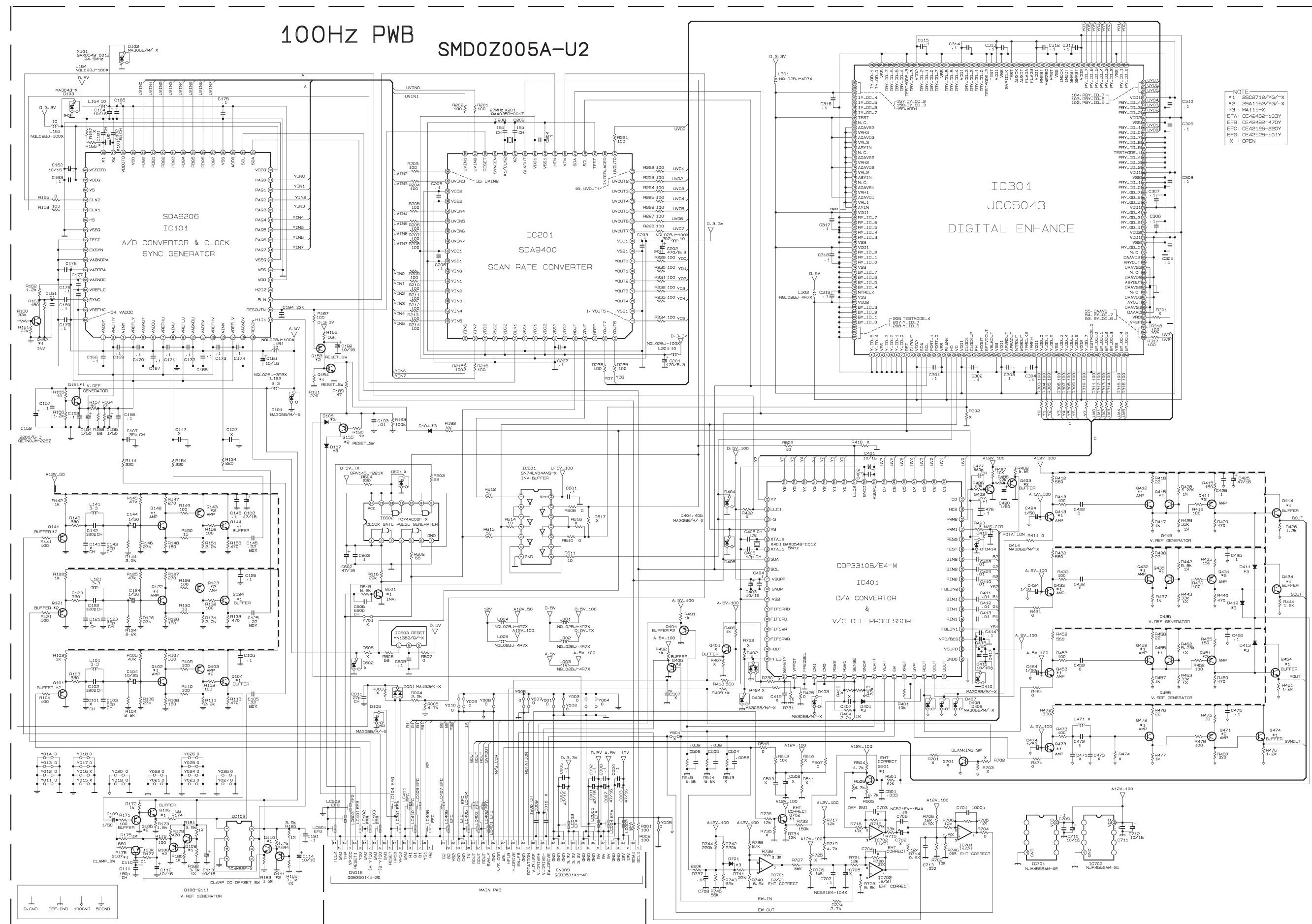
AV-32WFP1EU
AV-32WFP1EUI
AV-32WFP1EK

AV-32WFP1EU
AV-32WFP1EUI
AV-32WFP1EK

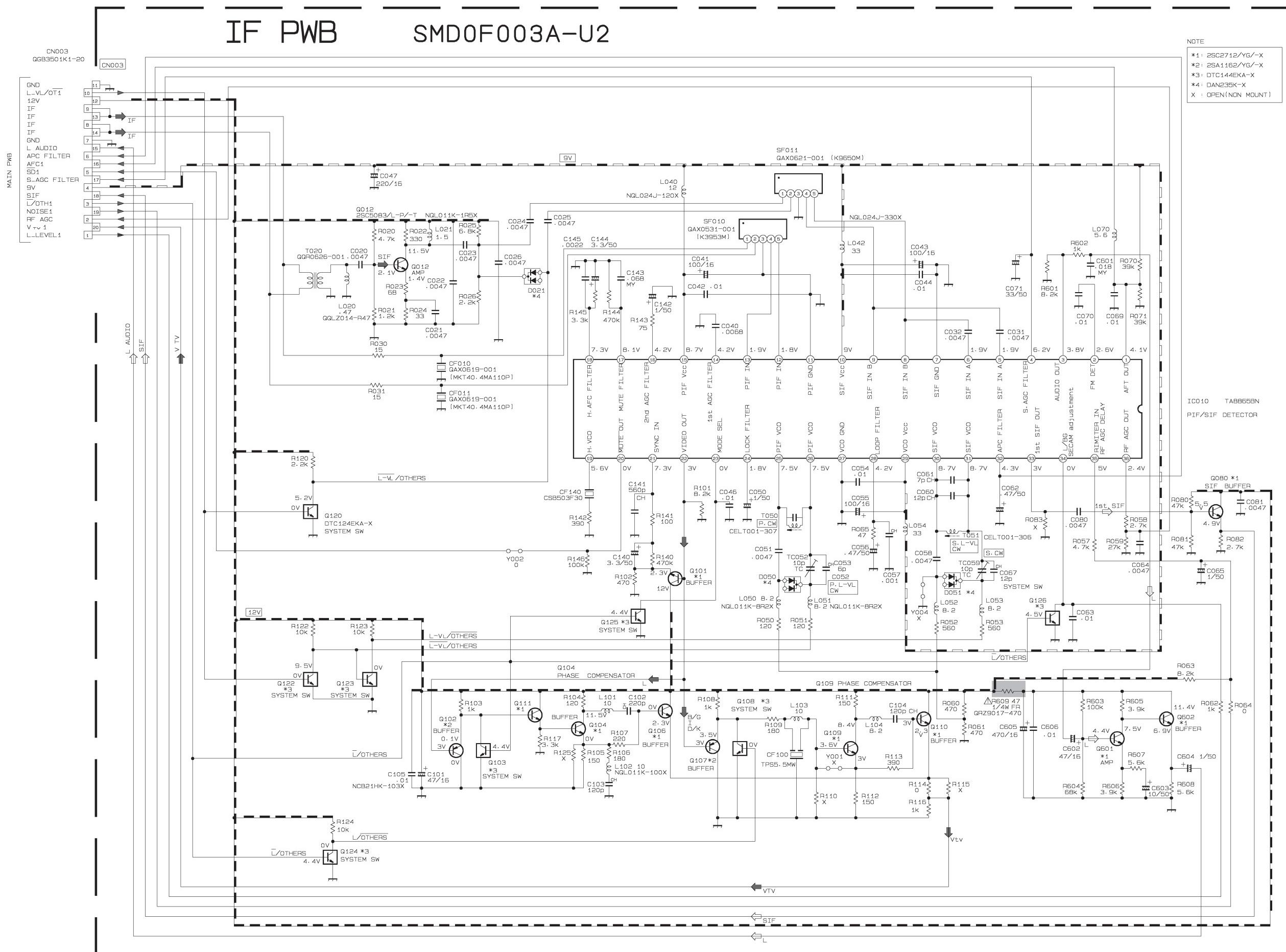
SUB MICON & AUTO PANORAMA PWB
SMD0W001A-U2



100Hz PWB CIRCUIT DIAGRAM



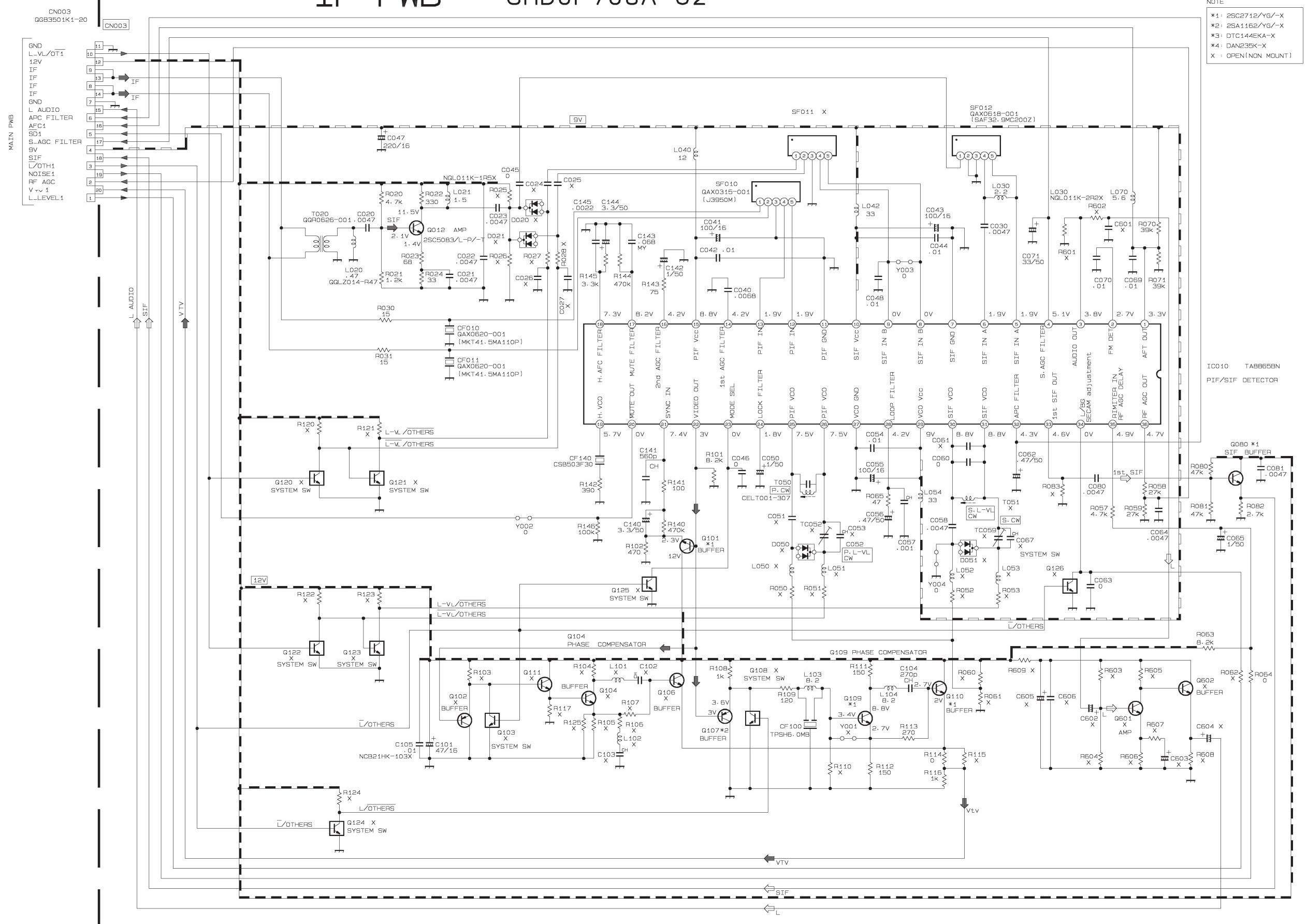
IF PWB CIRCUIT DIAGRAM [AV-32WFP1EU_(A) / AV-32WFP1EUI_(A)]



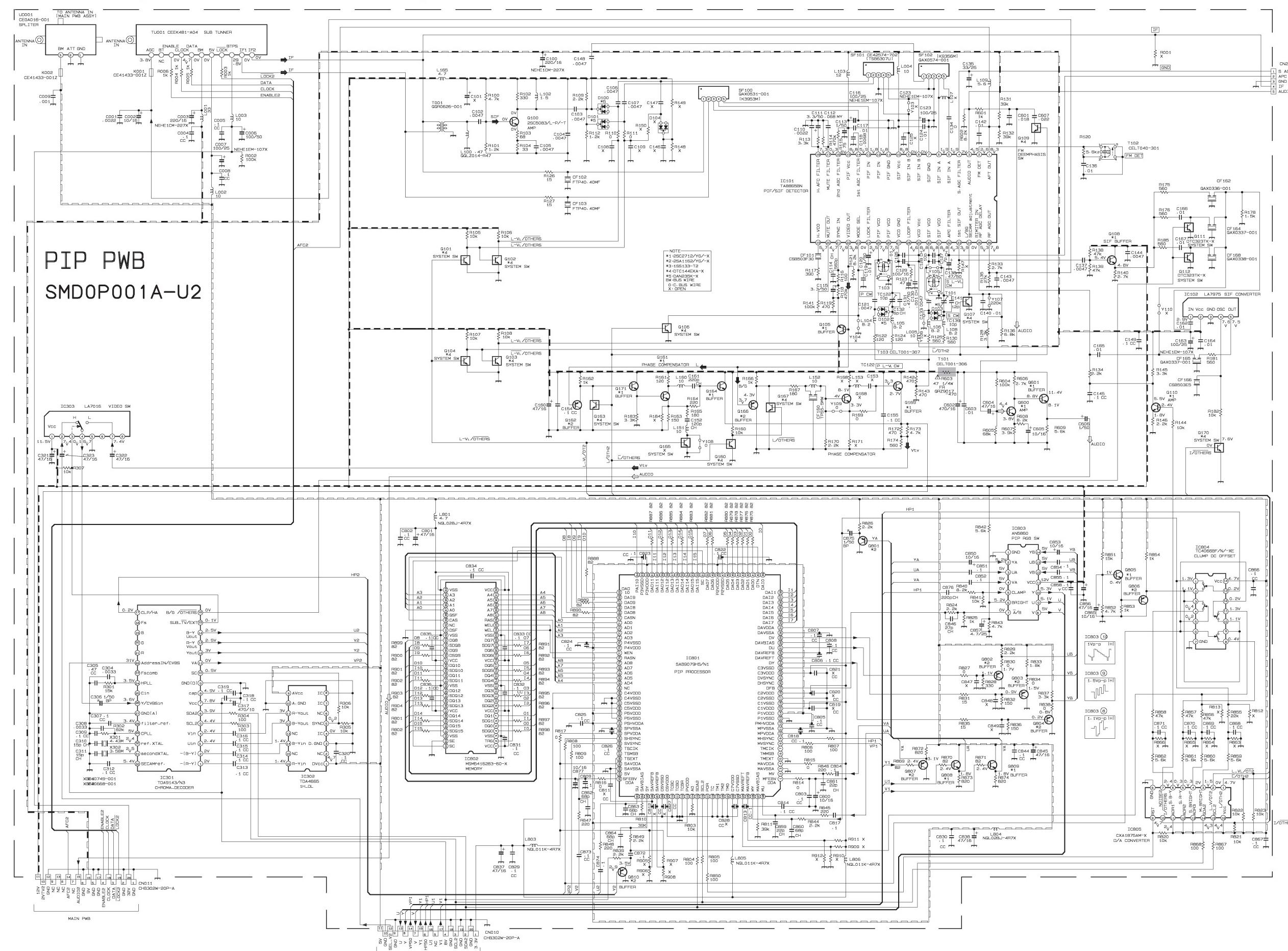
IF PWB CIRCUIT DIAGRAM [AV-32WFP1EK(A)]

IF PWB

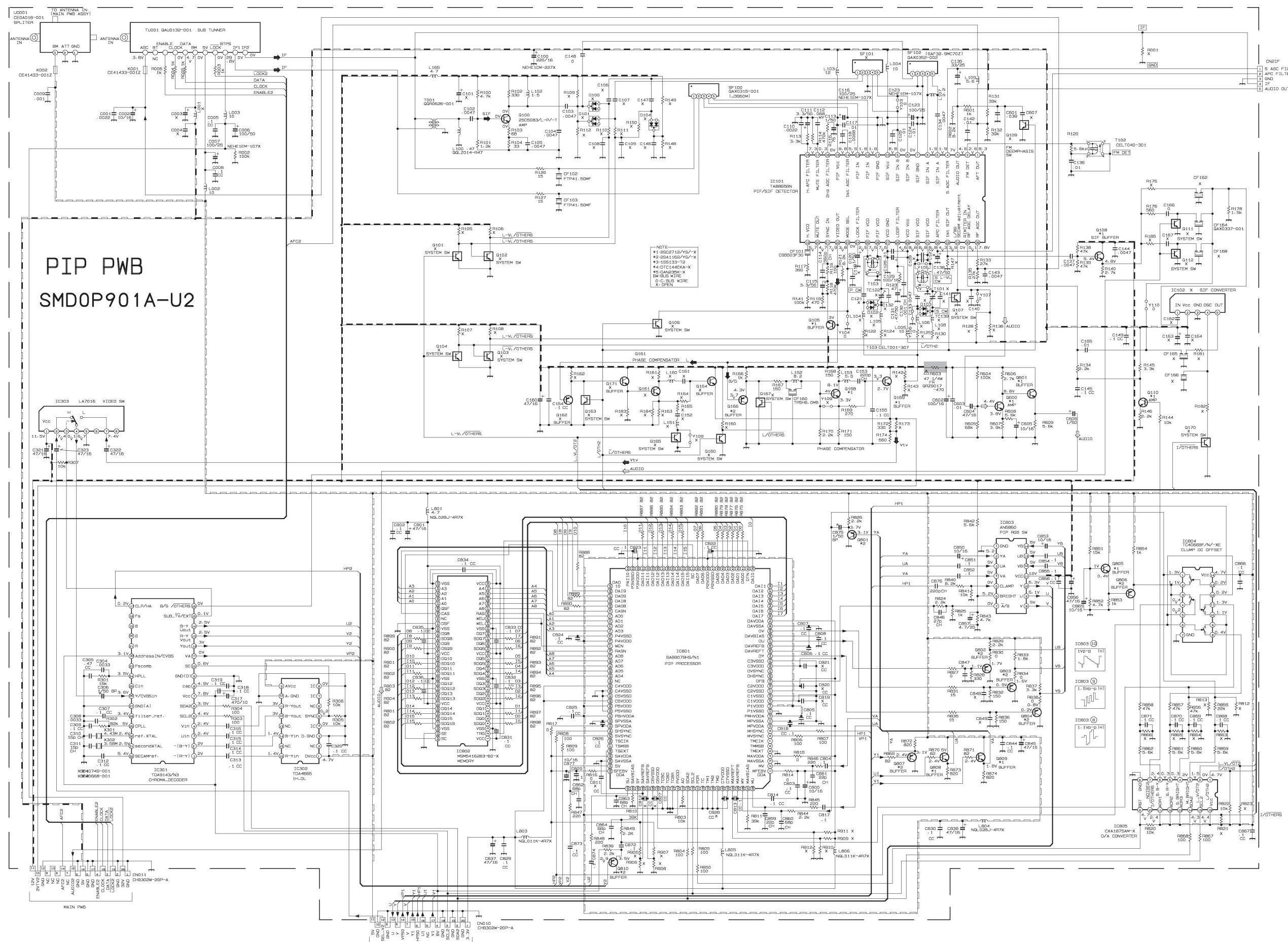
SMD0F903A-U2



PIP PWB CIRCUIT DIAGRAM [AV-32WFP1EU_(A) / AV-32WFP1EUI_(A)]



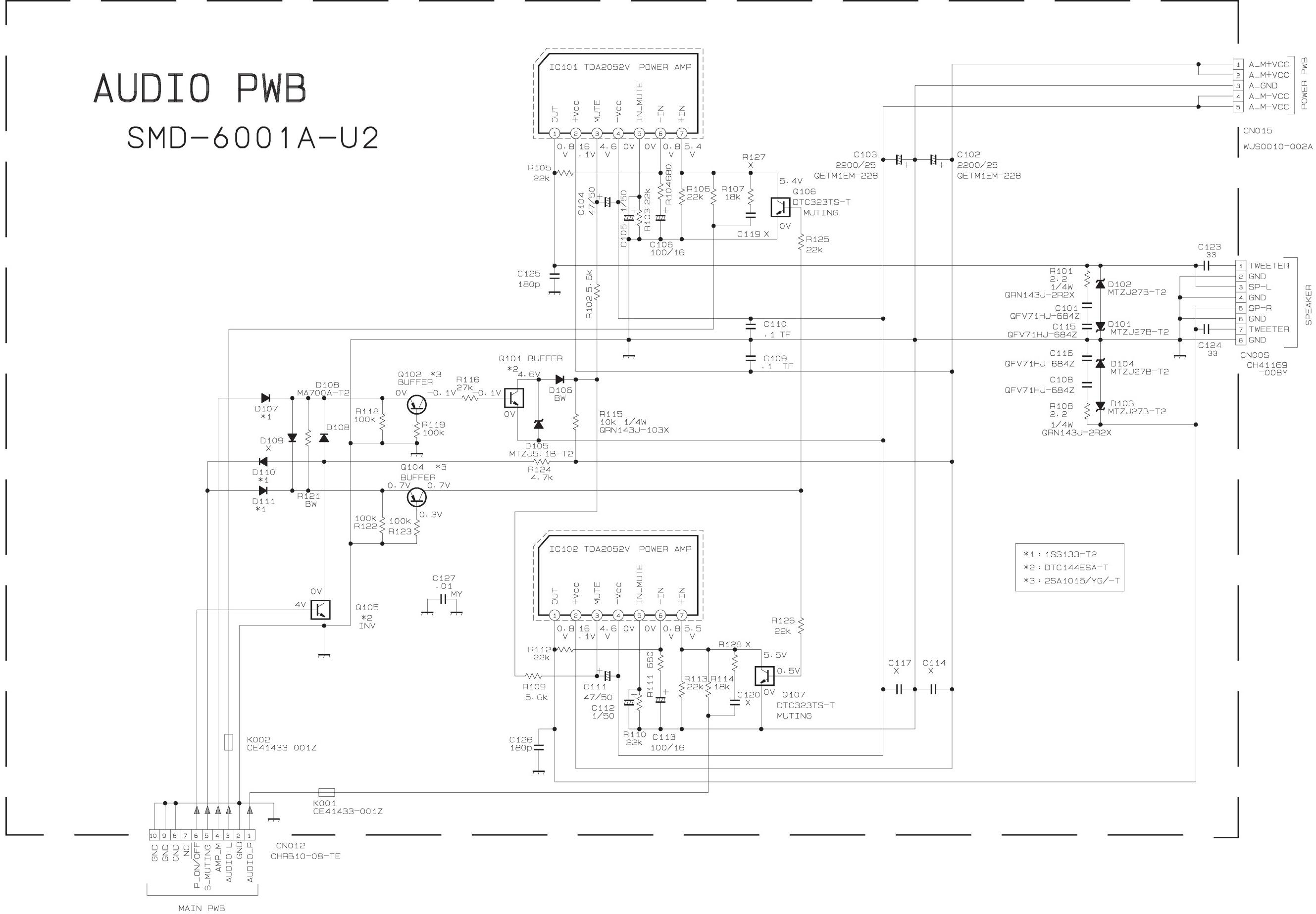
PIP PWB CIRCUIT DIAGRAM [AV-32WFP1EK(A)]



AUDIO PWB CIRCUIT DIAGRAM

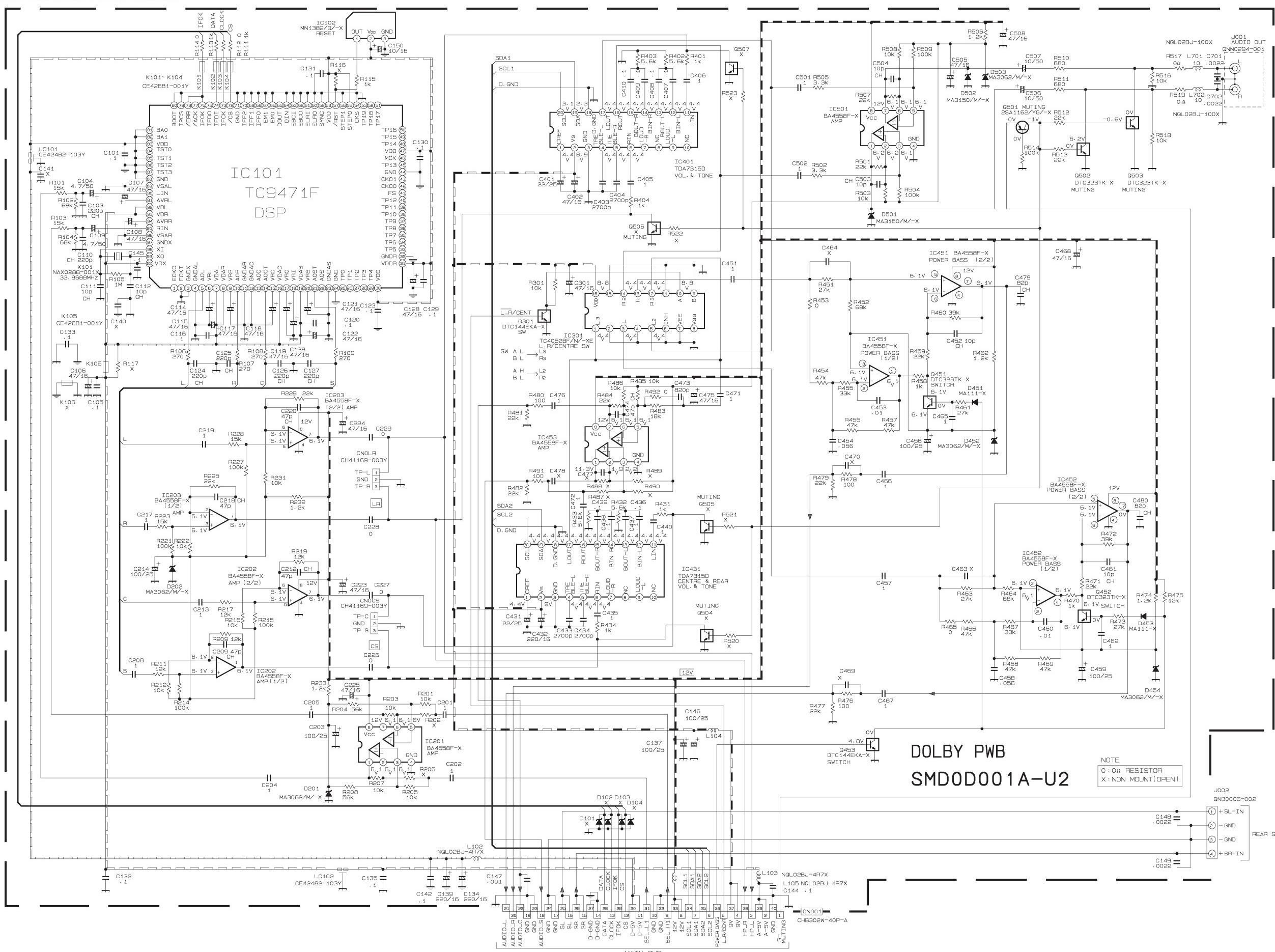
AUDIO PWB

SMD-6001A-U2



DOLBY PWB CIRCUIT DIAGRAM

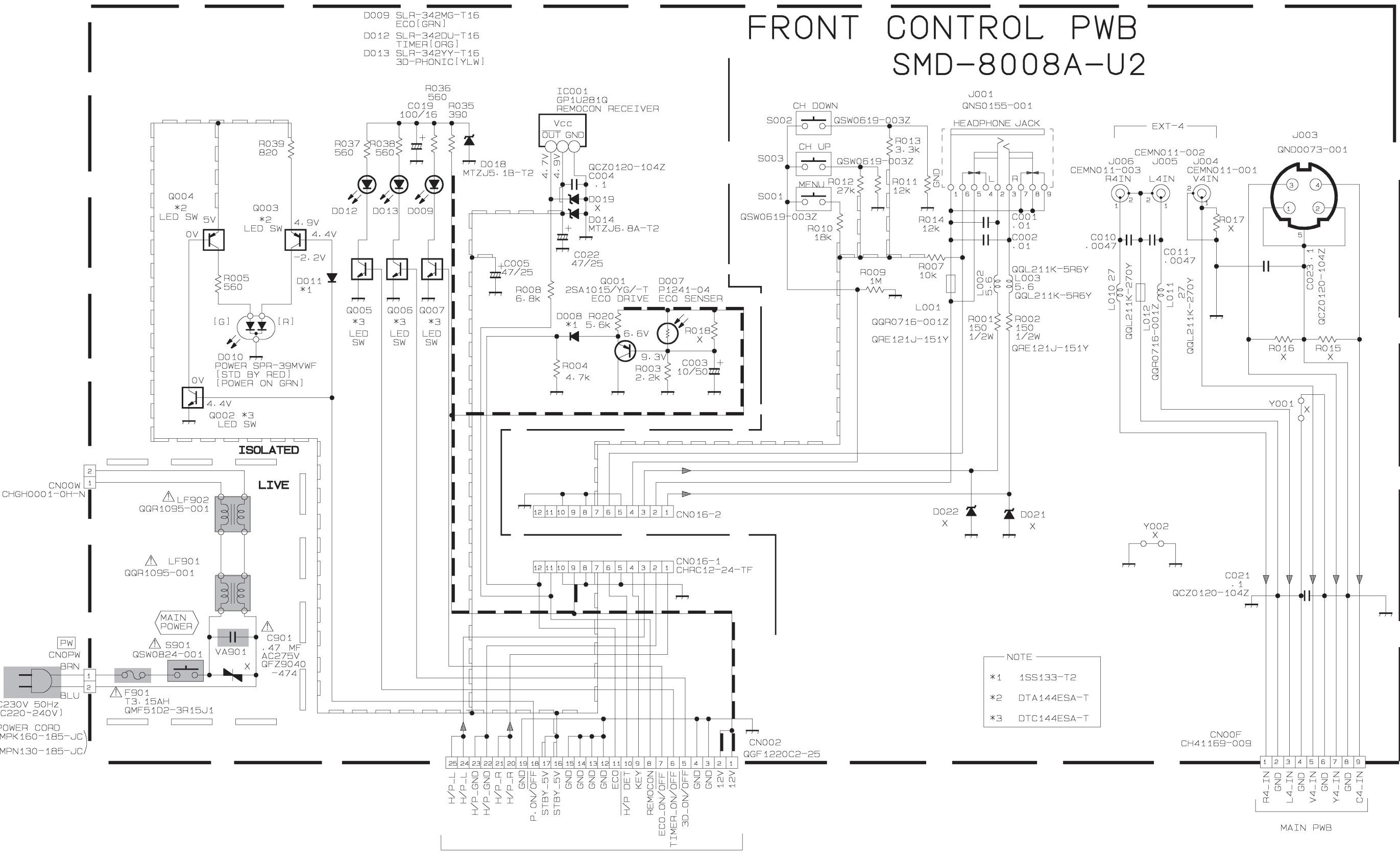
AV-32WFP1EU AV-32WFP1E
AV-32WFP1EUI AV-32WFP1E
AV-32WFP1EK AV-32WFP1E



FRONT CONTROL PWB CIRCUIT DIAGRAM

AV-32WFP1EU
AV-32WFP1EUI
AV-32WFP1EK

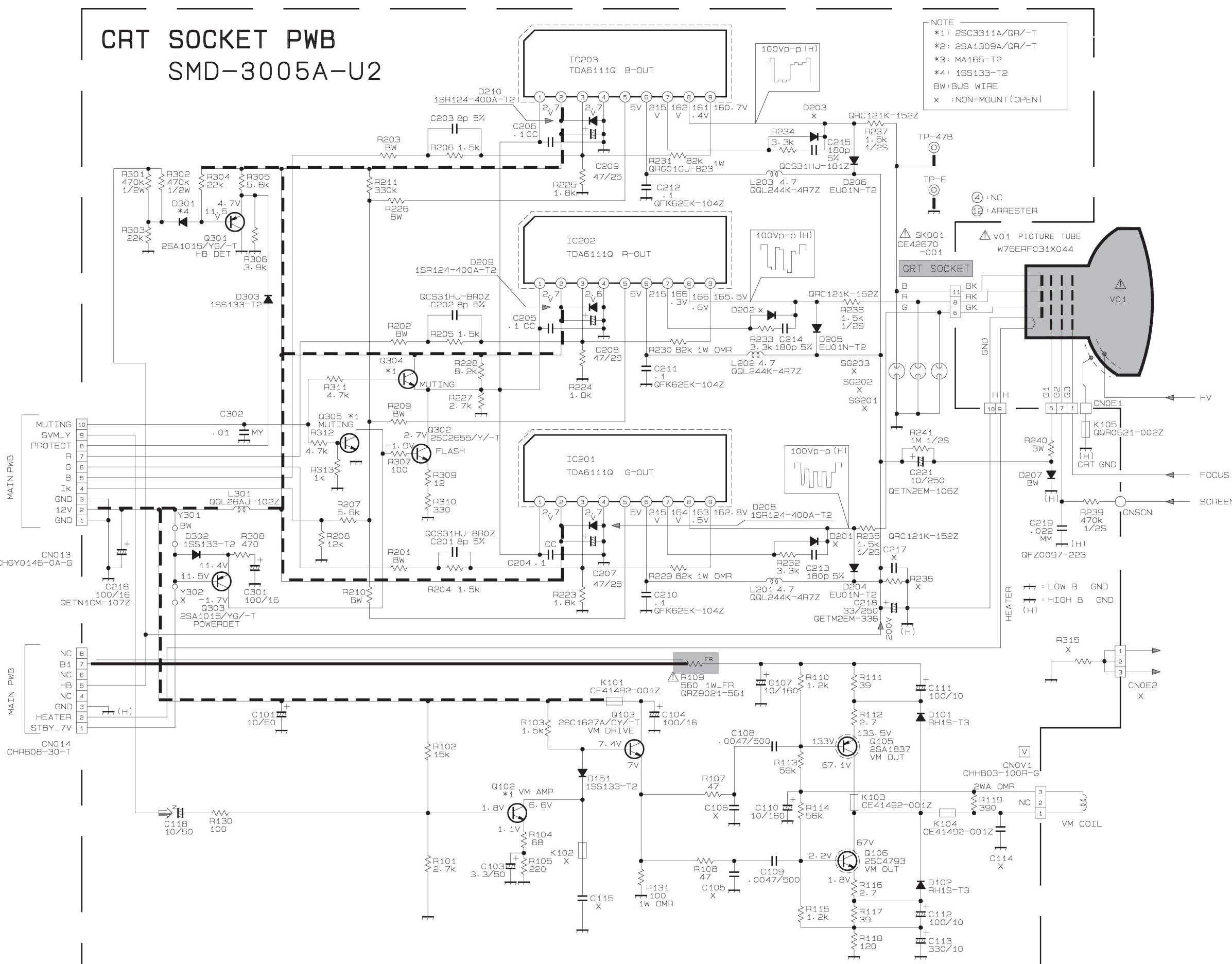
AV-32WFP1EU
AV-32WFP1EUI
AV-32WFP1EK



CRT SOCKET PWB CIRCUIT DIAGRAM

AV-32WFP1EU AV-32WFP1E
AV-32WFP1EUI AV-32WFP1E
AV-32WFP1EK AV-32WFP1E

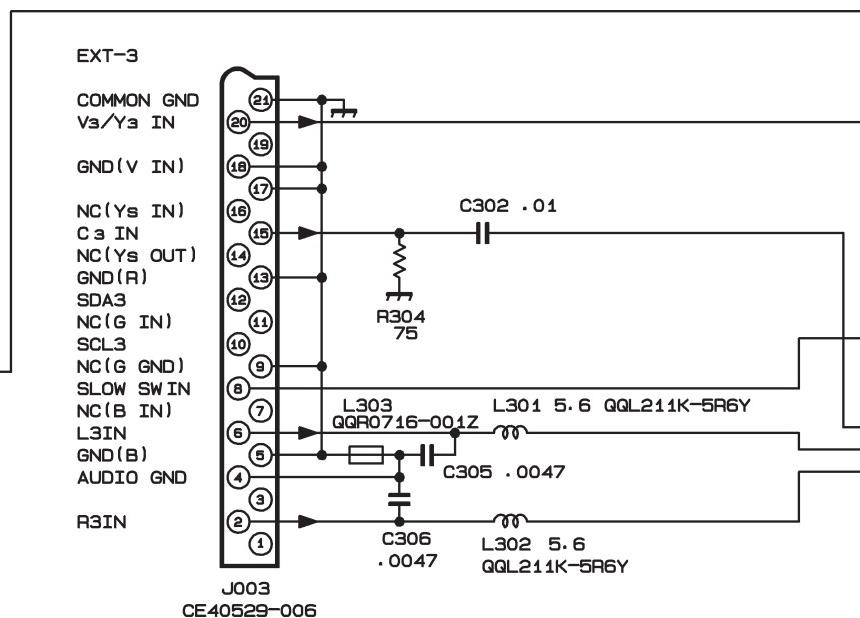
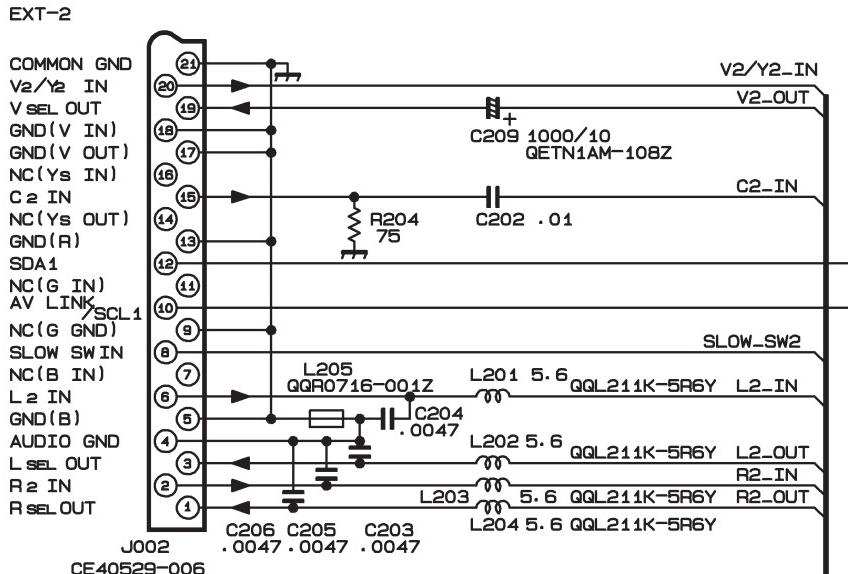
**CRT SOCKET PWB
SMD-3005A-U2**



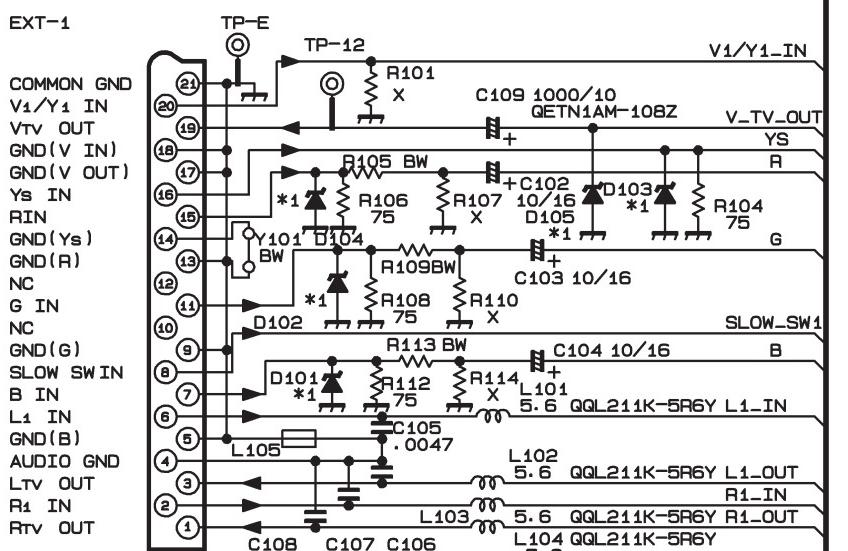
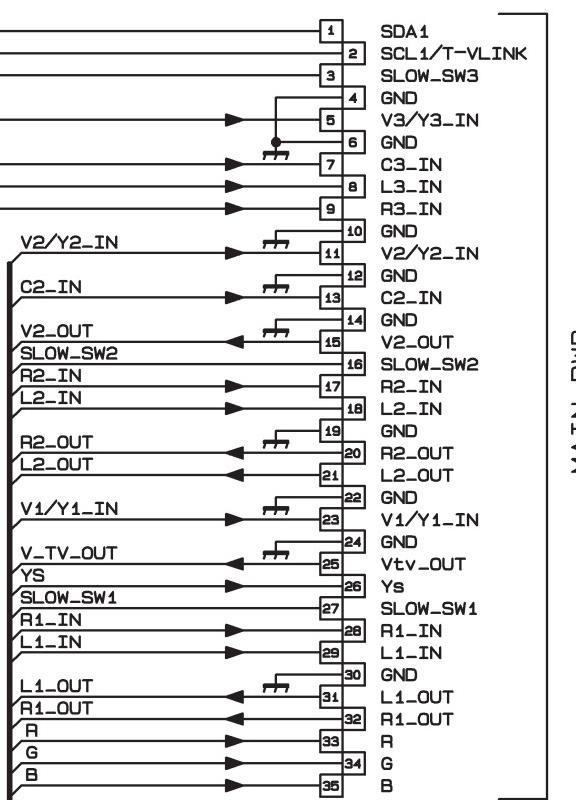
AV TERMINAL PWB CIRCUIT DIAGRAM

AV-32WFP1EU
AV-32WFP1EUI
AV-32WFP1EK

AV-32WFP1EU
AV-32WFP1EUI
AV-32WFP1EK



NOTE
*1: MTZJ13B-T2
BW: BUS WIRE
x : NON-MOUNT(OPEN)



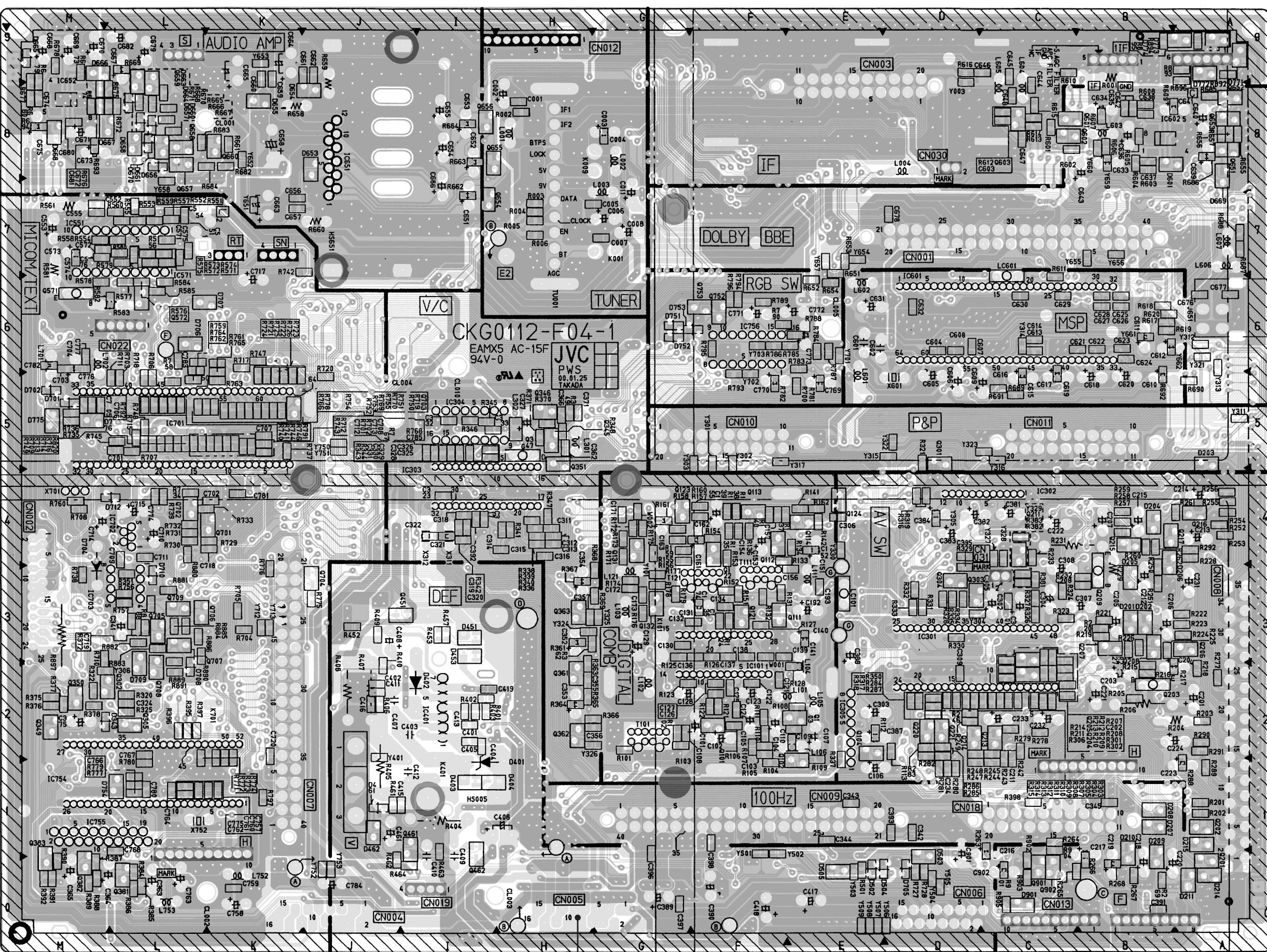
AV TERMINAL PWB
SMD0J001A-U2

AV-32WFP1EU
AV-32WFP1EUI
AV-32WFP1EK

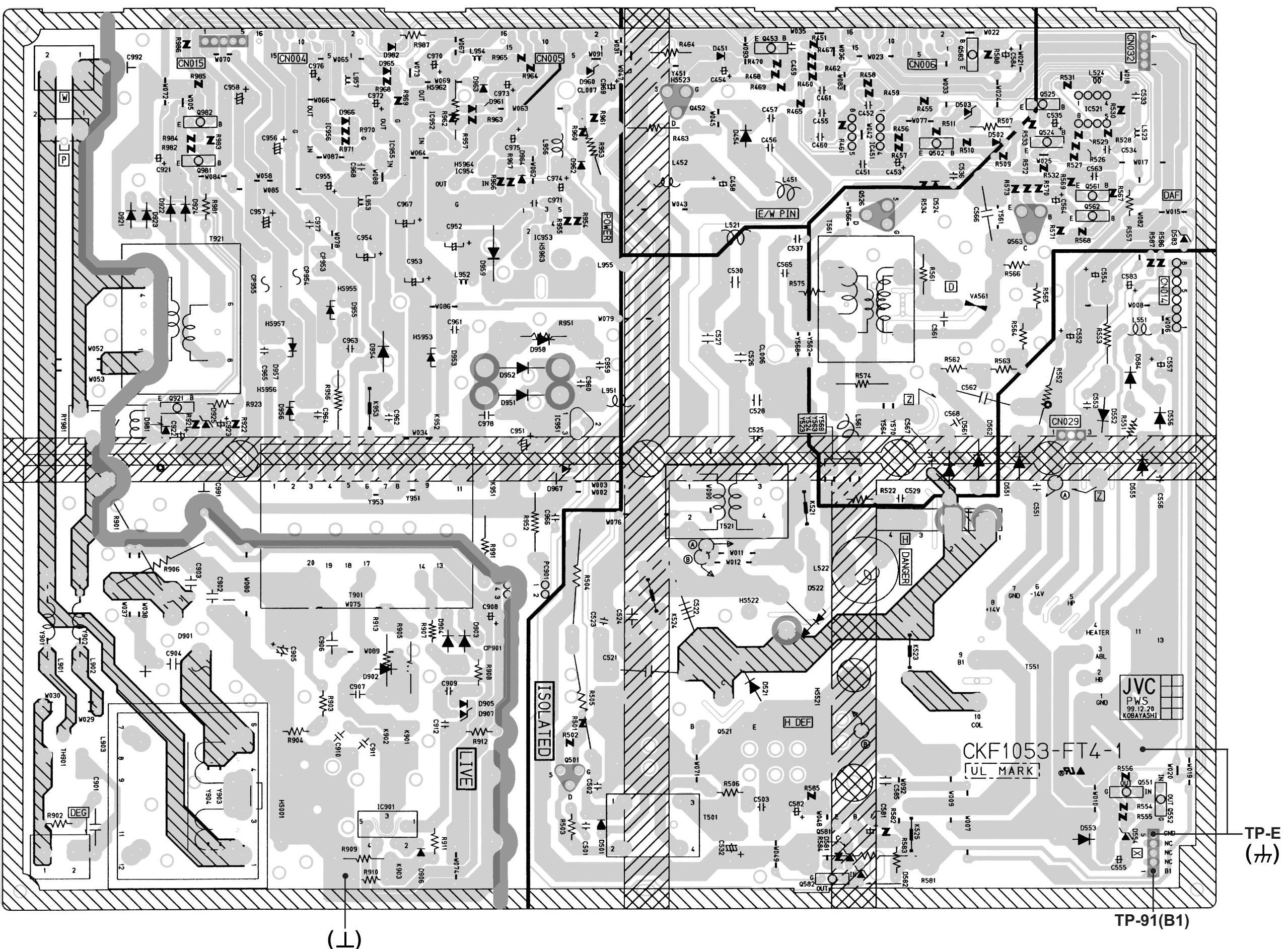
AV-32WFP1EU
AV-32WFP1EUI
AV-32WFP1EK

PATTERN DIAGRAMS MAIN PWB PATTERN

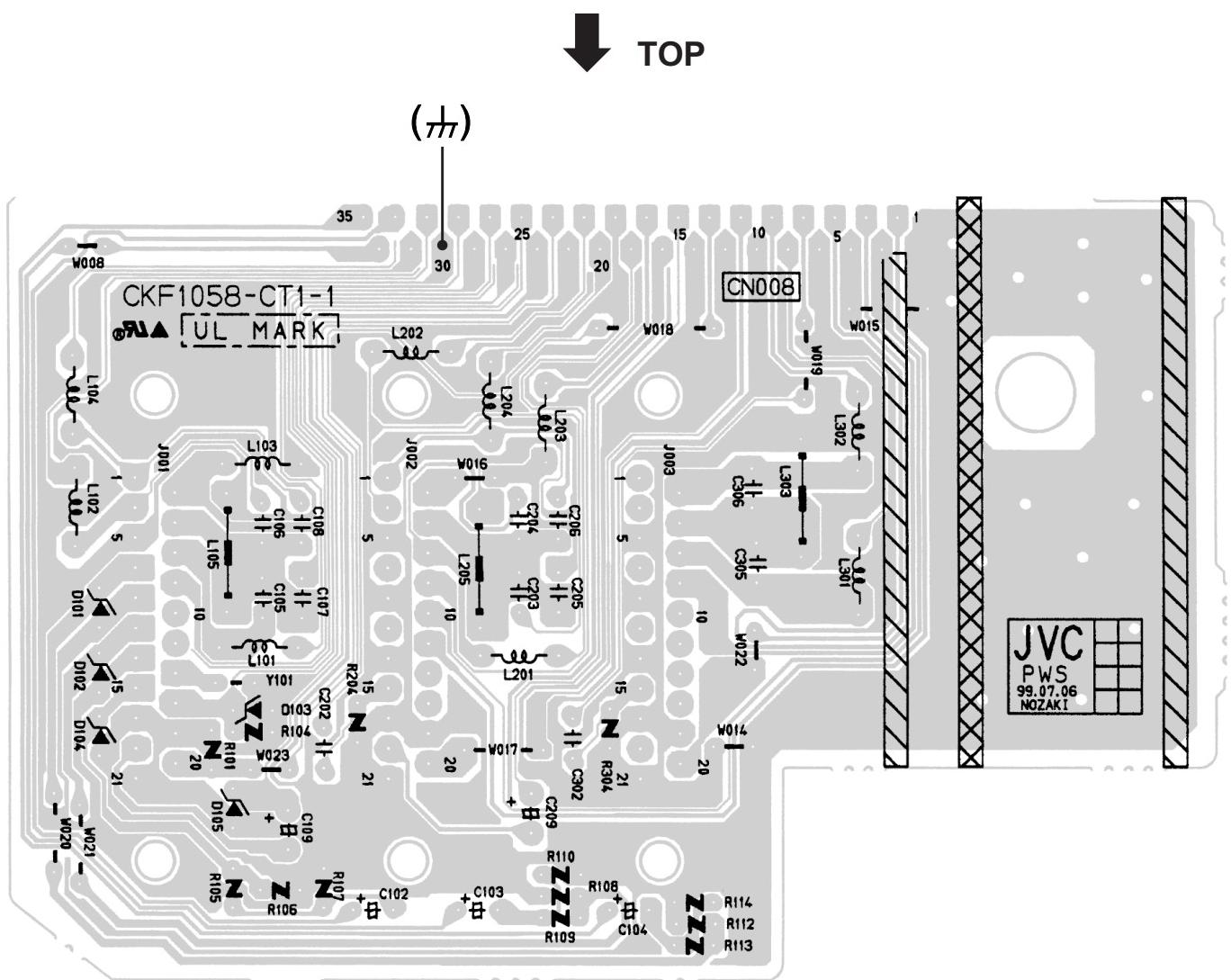
FRONT



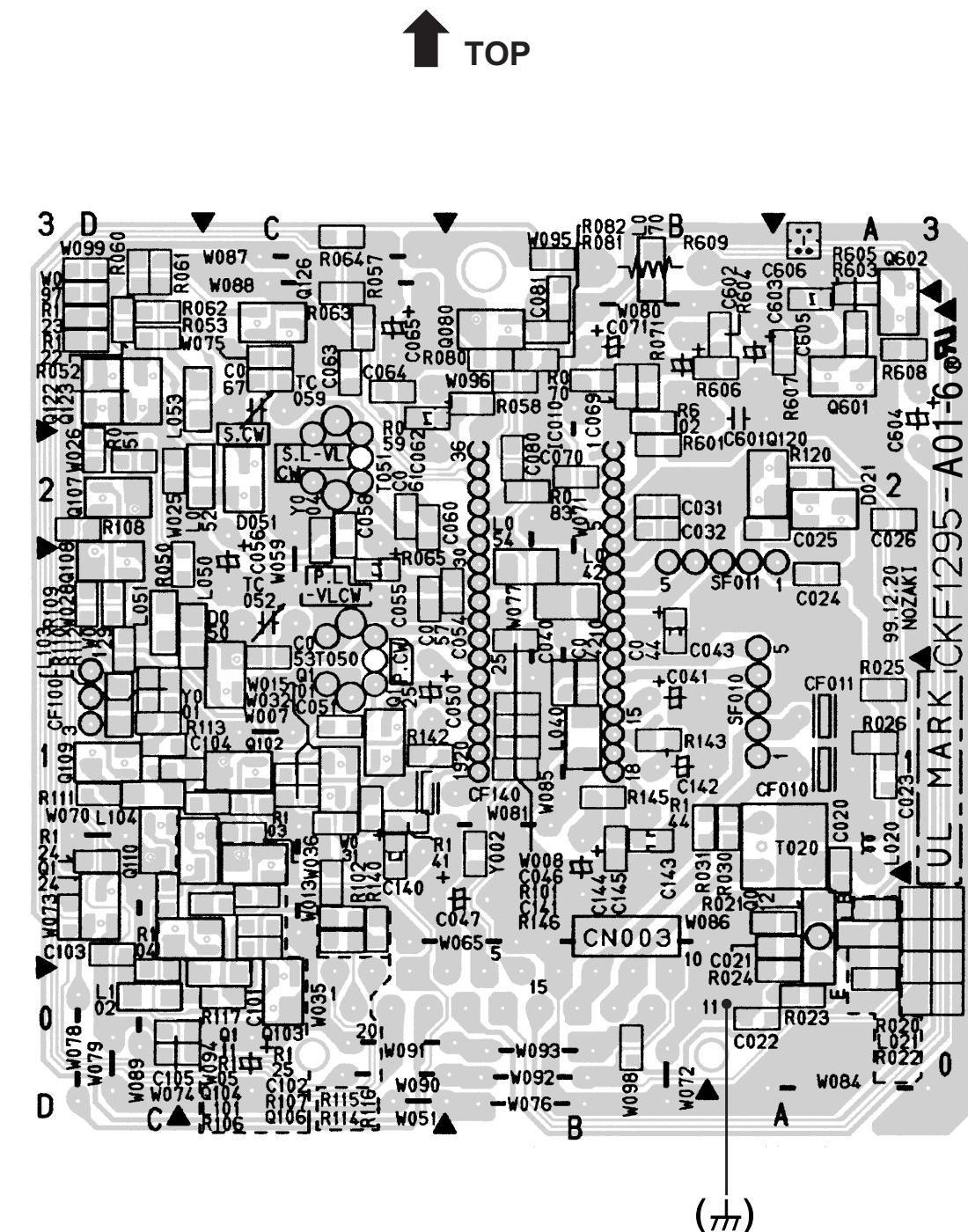
POWER / DEF PWB PATTERN



AV TERMINAL PWB PATTERN



IF PWB PATTERN

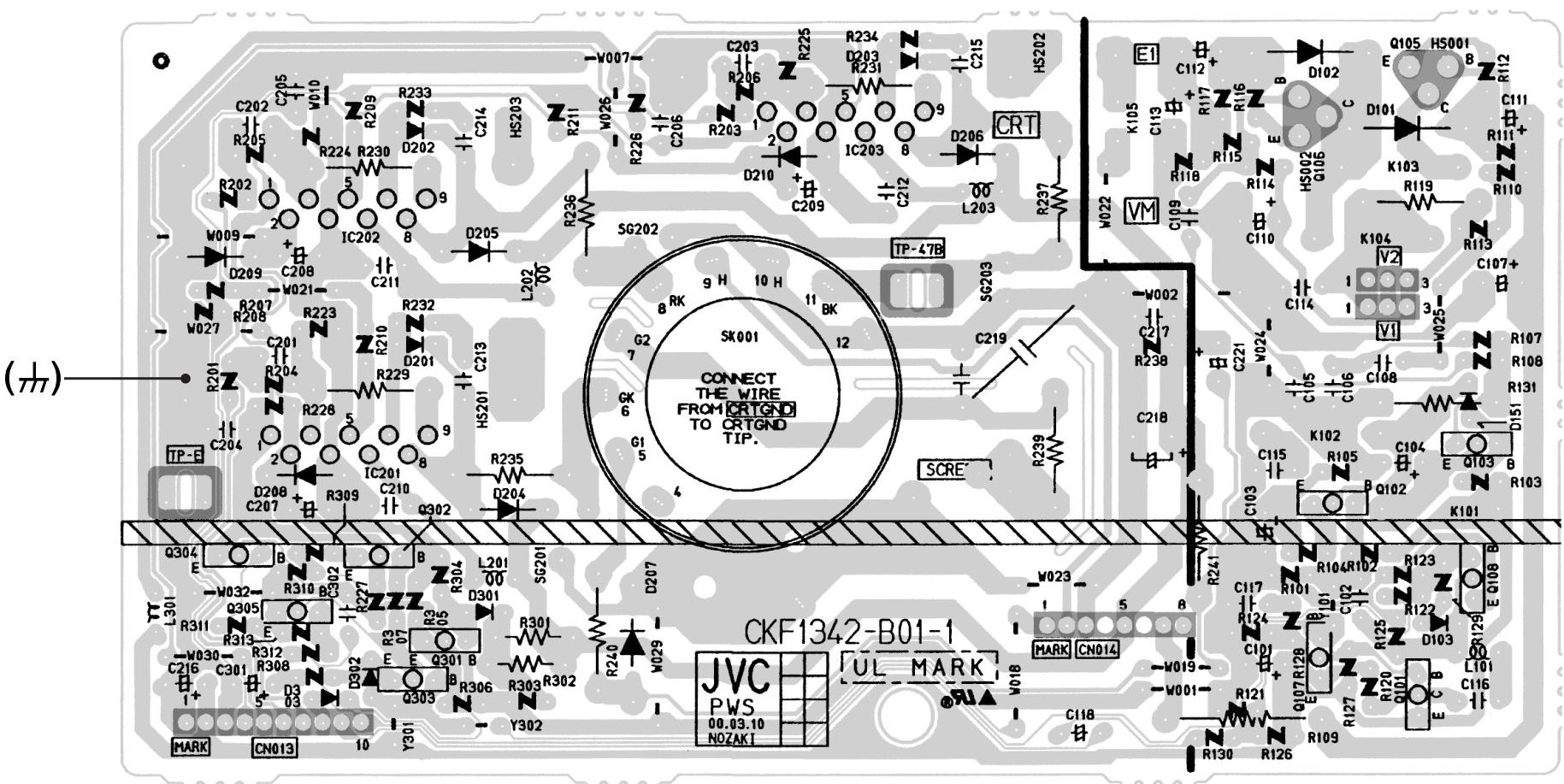


AV-32WFP1EU
AV-32WFP1EUI
AV-32WFP1EK

AV-32WFP1EU
AV-32WFP1EUI
AV-32WFP1EK

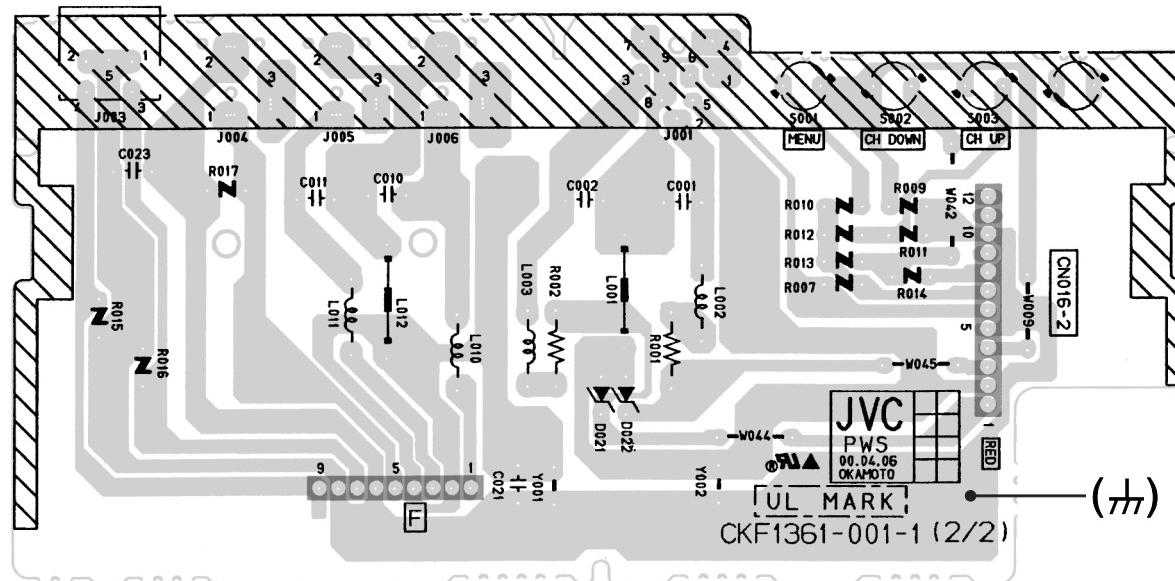
CRT SOCKET PWB PATTERN

↑ TOP



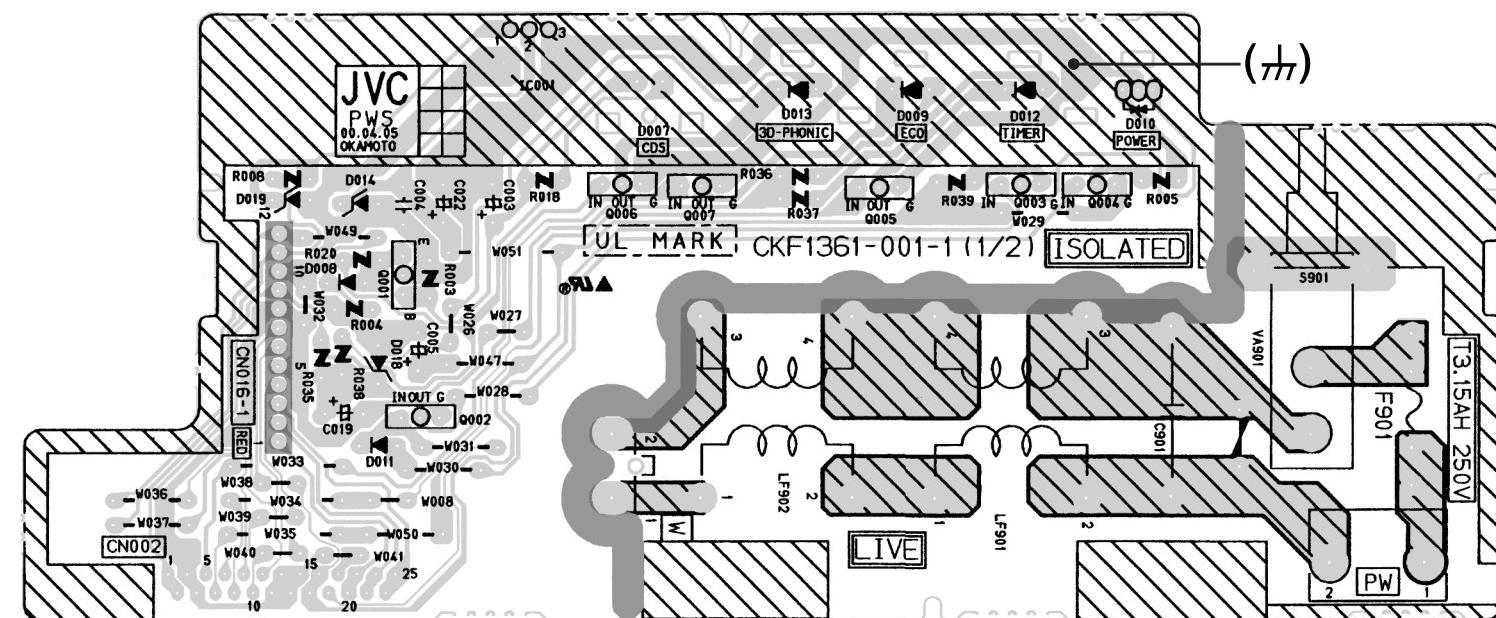
FRONT CONTROL PWB PATTERN (1/2)

↑ FRONT



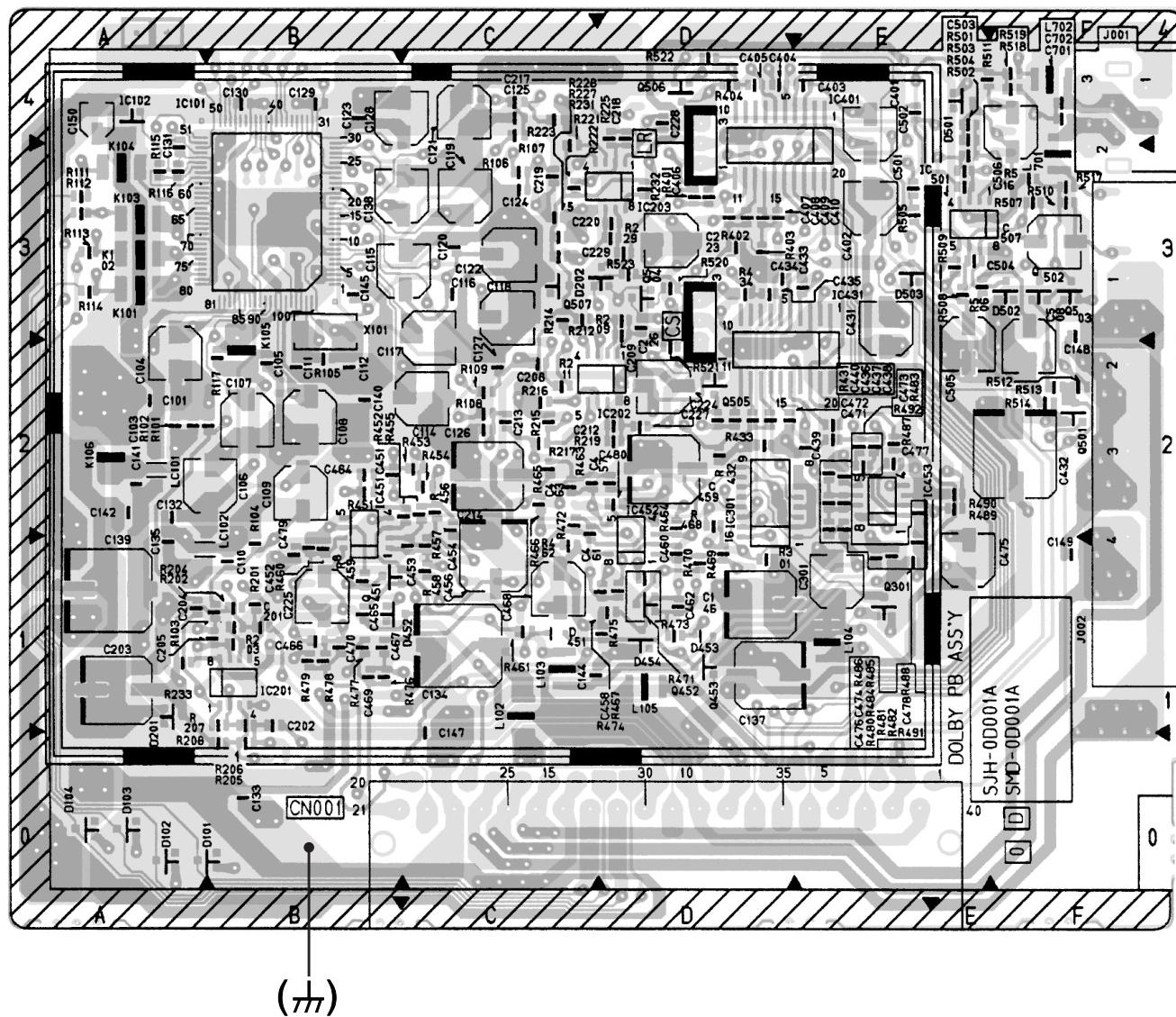
FRONT CONTROL PWB PATTERN (2/2)

↑ FRONT



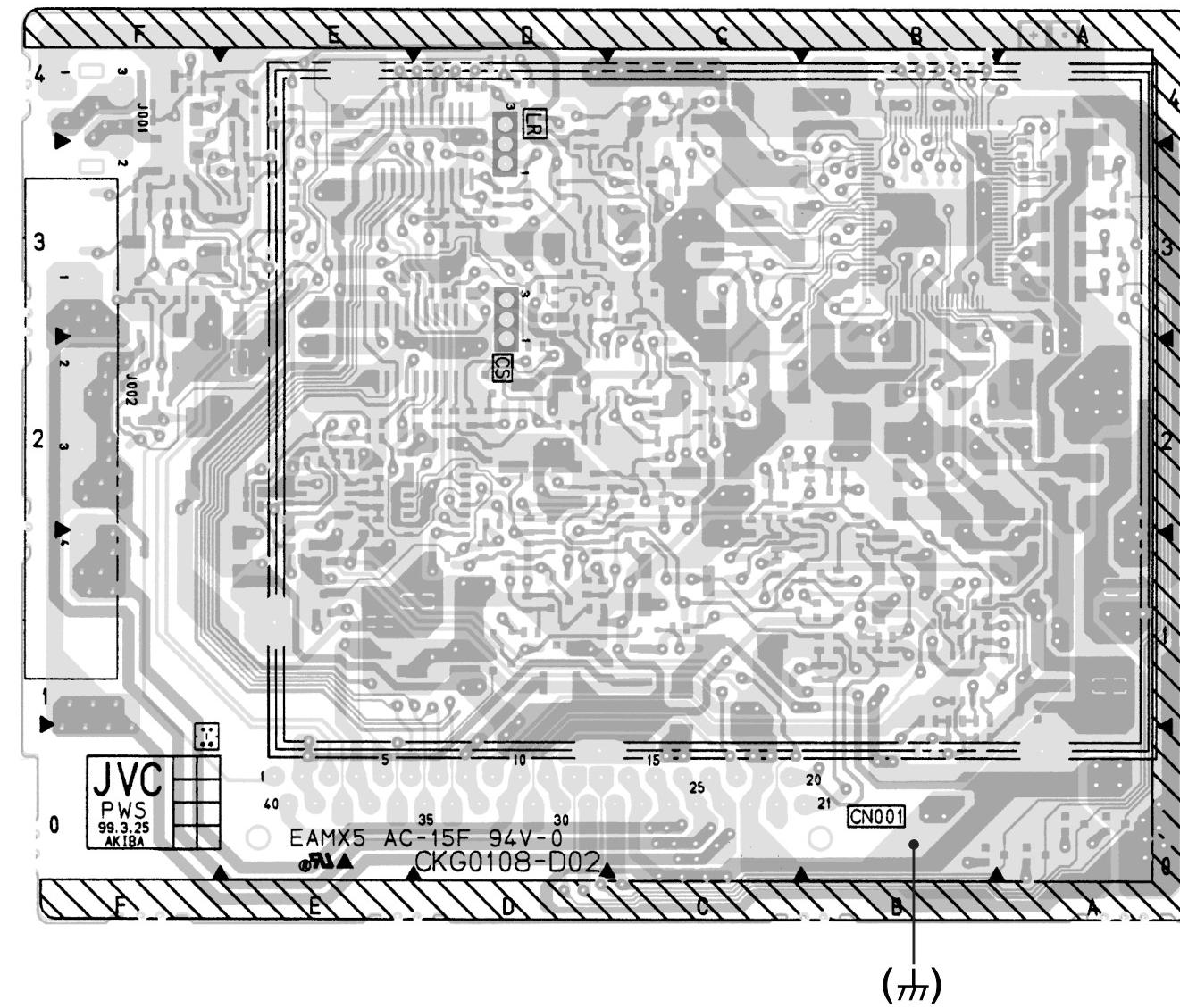
DOLBY PWB PATTERN (PARTS SIDE)

↑ TOP

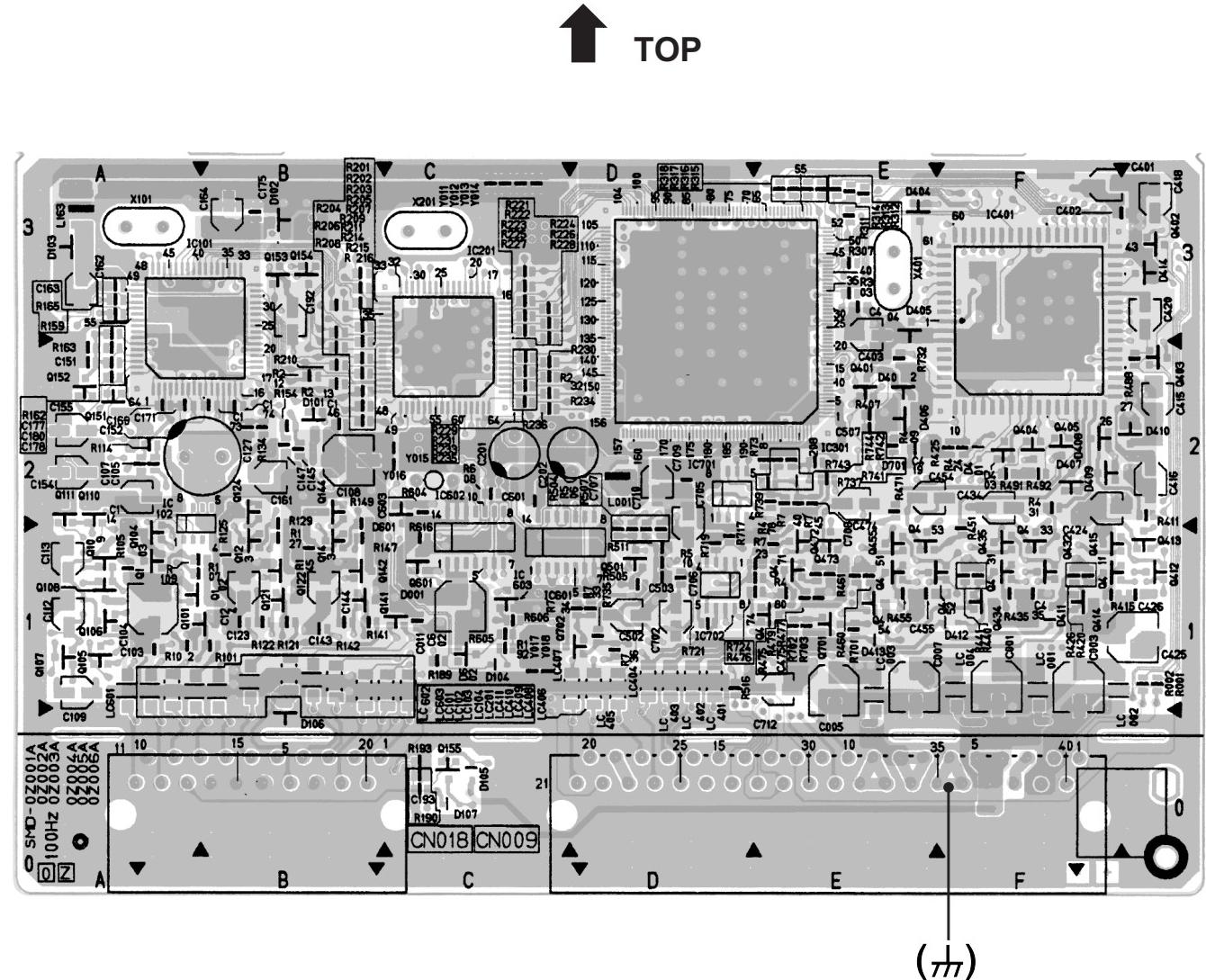


DOLBY PWB PATTERN (SOLDER SIDE)

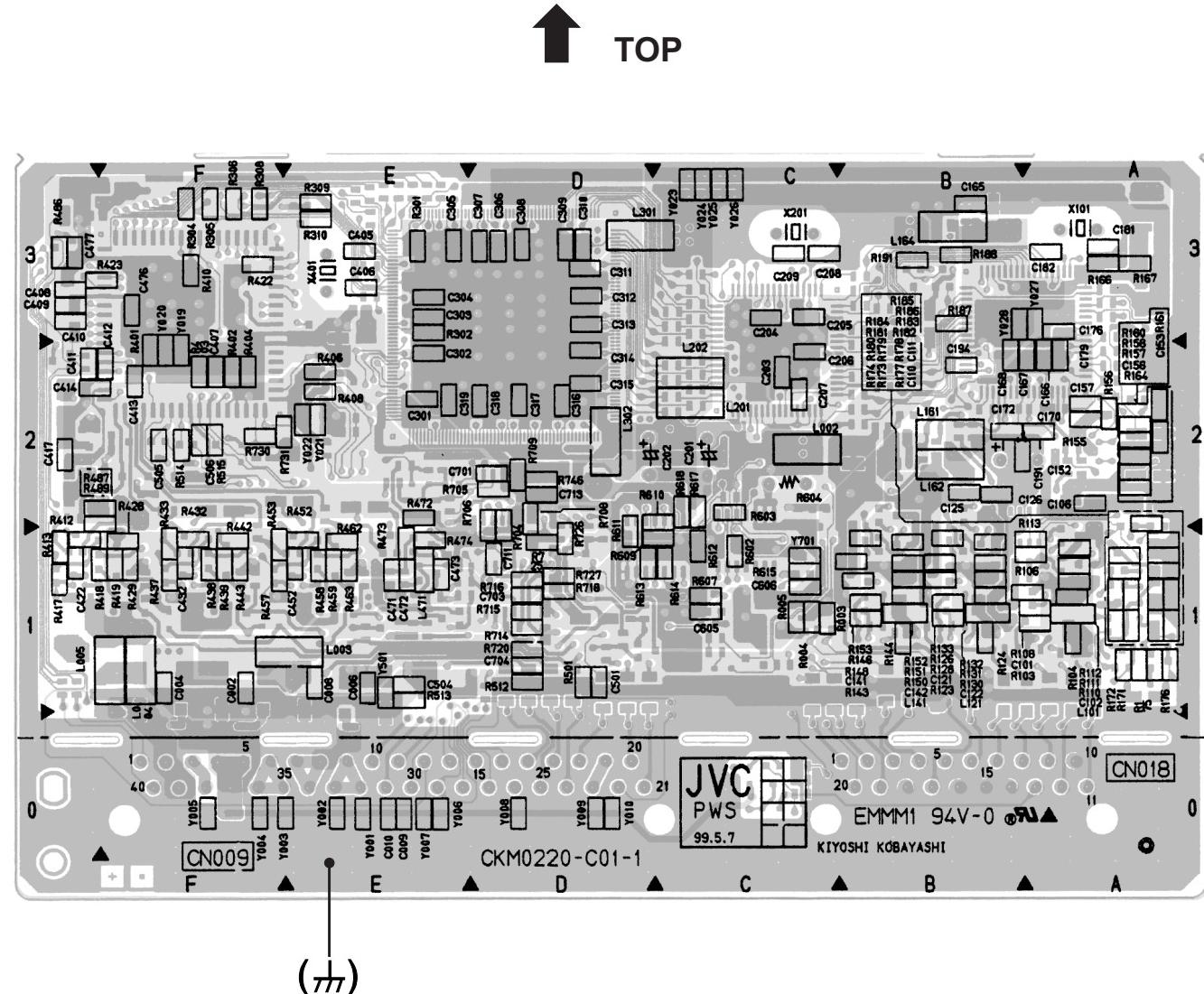
↑ TOP



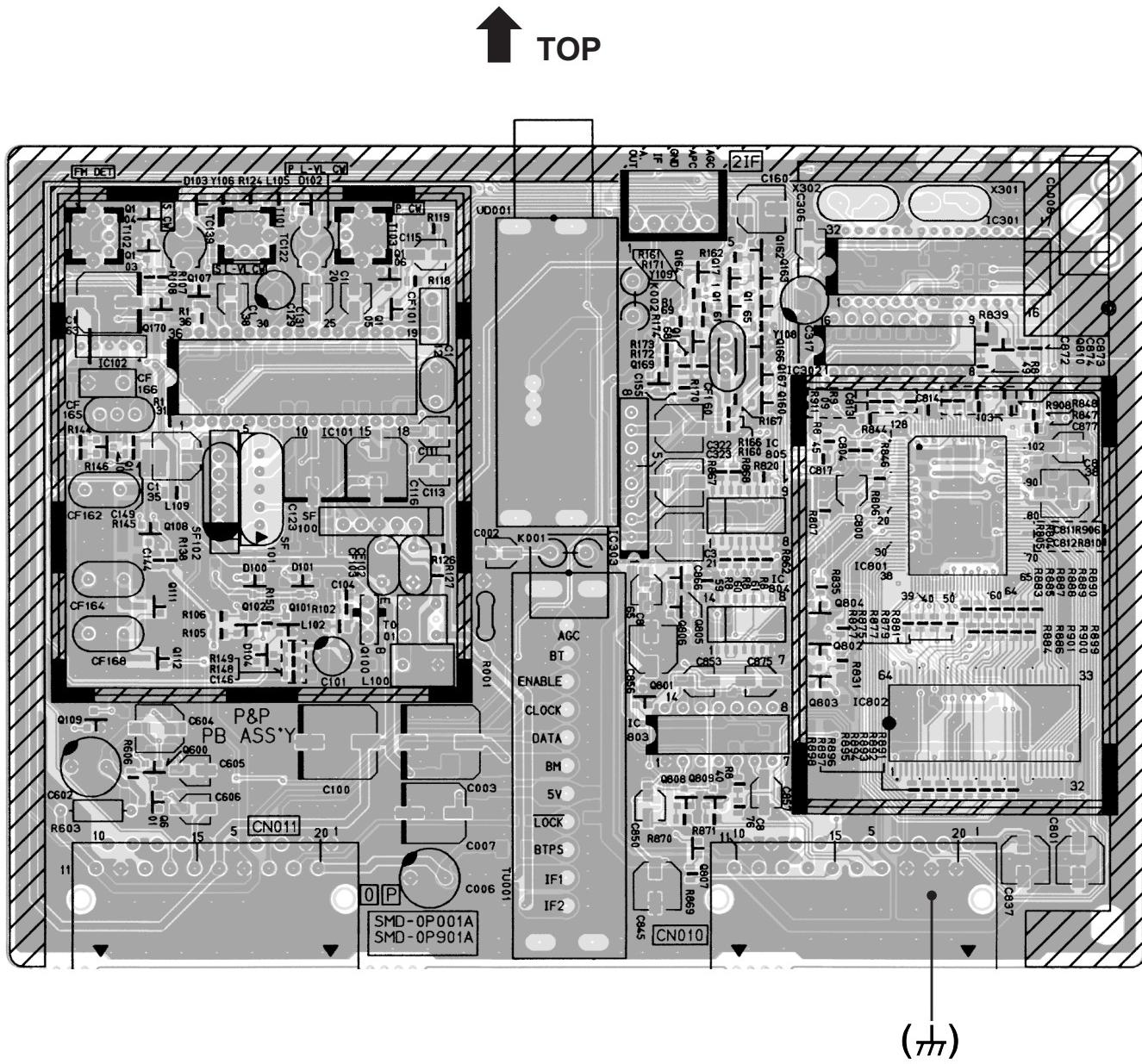
100Hz PWB PATTERN (PARTS SIDE)



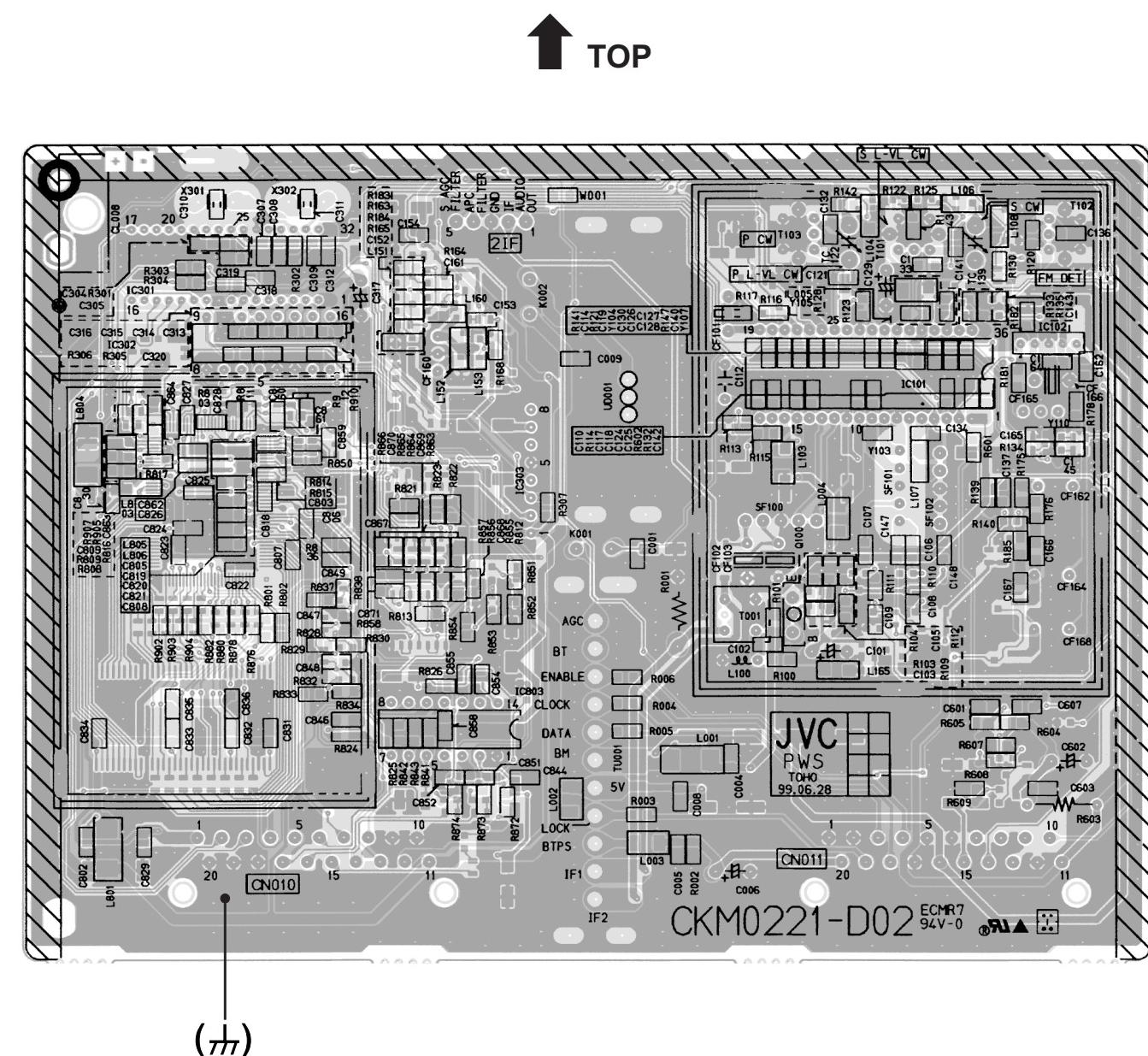
100Hz PWB PATTERN (SOLDER SIDE)



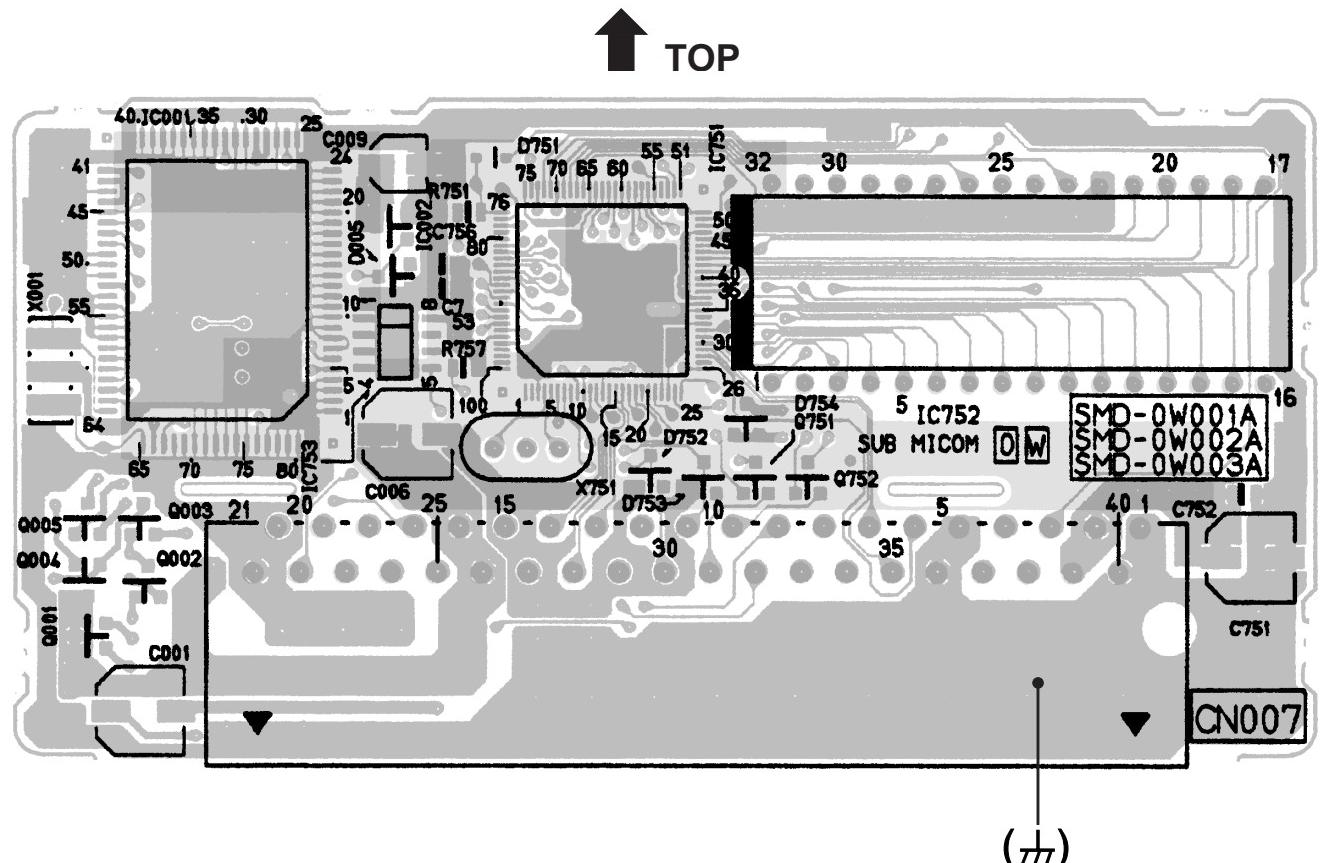
PIP PWB PATTERN (PARTS SIDE)



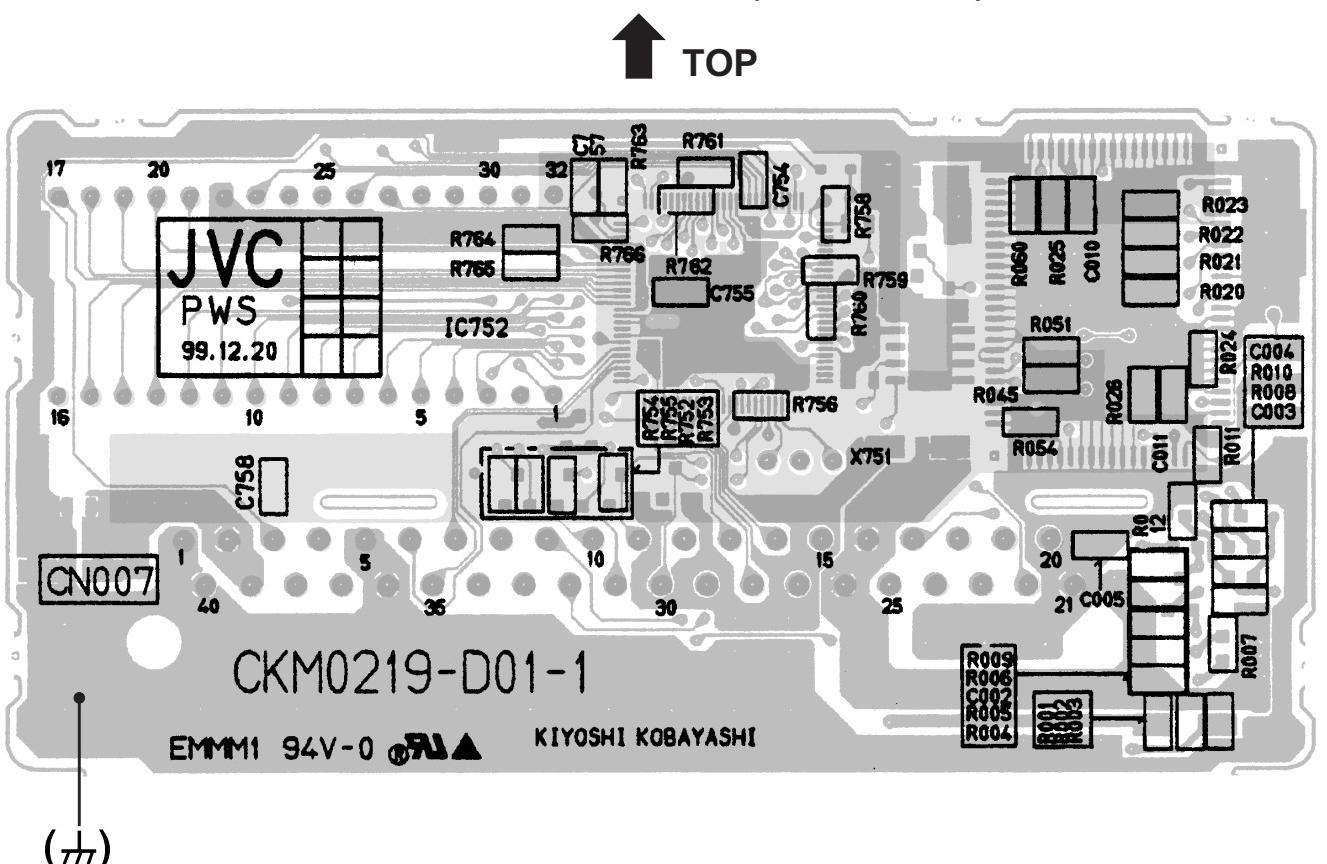
PIP PWB PATTERN (SOLDER SIDE)



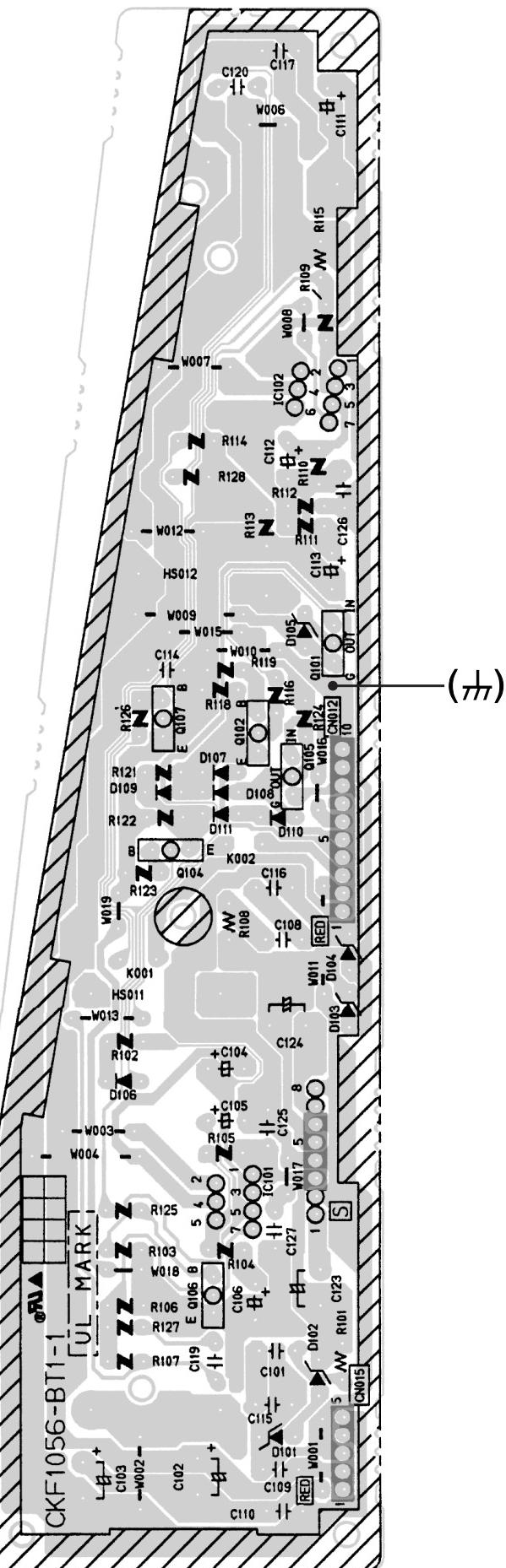
SUB MICON & AUTO PANORAMA PWB PATTERN (PARTS SIDE)



SUB MICON & AUTO PANORAMA PWB PATTERN (SOLDER SIDE)



AUDIO PWB PATTERN



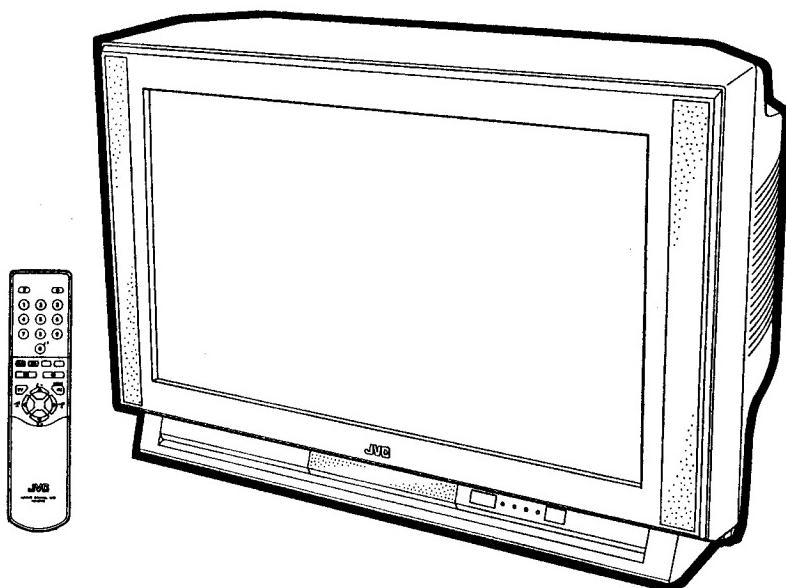
JVC

SERVICE MANUAL

COLOUR TELEVISION

**AV-32WFP1EU
AV-32WFP1EK**

BASIC CHASSIS
MD



CONTENTS

■ SPECIFICATIONS	2
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SPECIFICATIONS

Item	Content	
	AV-32WFP1EU	AV-32WFP1EK
Dimensions (W × H × D)	85.5cm × 55.0cm × 56.8cm	
Mass	59.5kg	
TV RF System	CCIR (B/G, D/K, I, L)	CCIR (I)
Colour System	PAL / SECAM / NTSC (Only EXT mode)	PAL / NTSC (Only EXT mode)
Stereo System	A2 / (B/G, D/K) / NICAM (B/G, D/K, L)	NICAM (I)
Teletext System	Fastext(United Kingdom system) / TOP (German system) / WST(Standard system)	Fastext(United Kingdom system) / WST(Standard system)
Receiving Frequency		
VHF	47MHz~470MHz	_____
UHF	470MHz~862MHz	470MHz~862MHz
French CATV	116MHz~172MHz / 220MHz~469MHz	
Intermediate Frequency		
VIF Carrier	38.9MHz(B/G, D/K, I, L) / 34.10MHz(L)	39.5MHz(I)
SIF Carrier	33.4MHz(5.5MHz : B/G) / 32.9MHz(6.0MHz : I) / 32.4MHz(6.5MHz : L, D/K) / 40.6MHz(6.5MHz : L)	33.5MHz(6.0MHz : I)
Colour Sub Carrier Freq.		
PAL	4.43MHz	4.43MHz
SECAM	4.40625MHz / 4.25MHz	_____
NTSC	3.58MHz / 4.43MHz	3.58MHz / 4.43MHz
Power Input	AC 220V~240V, 50Hz	
Power Consumption	290W(Max), 164W(Avg) / 164W/h (ITALY)	
Picture Tube	Visible size : 76cm, Measured diagonally	
High Voltage	32.0kV ^{+1kV} _{-1.5kV} (at zero beam current)	
Speaker	φ 10 cm round × 2, φ 3.5 cm round × 2 (L/R), 10 cm × 3 cm oval × 1(CENTER)	
Audio Output	20W+20W+5W	
EXT-1/EXT-2/EXT-3 (Input / Output)	21-pin Euro connector (SCART socket)	
EXT4 (Input)	Video Audio(L/R) S-VIDEO	1Vp-p 75Ω (RCA pin jack) 500mVrms(-4dBs), High Impedance(RCA pin jack) Y : 1Vp-p Positive (negative sync provided, when terminated with 75Ω) C : 0.286Vp-p (burst signal, when terminated with 75Ω)
SURROUND REAR Output		Speaker terminals for external surround speakers (Impedance 8Ω) only.
AUDIO OUT		Rated power output : 7.5W+7.5W (Variable out (0-1 Vrms), low impedance) FRONT L/R output(RCA pin jack)
Aerial Input	75Ω unbalanced, Coaxial	
Headphone jack	Stereo mini jack (φ 3.5mm)	
Remote Control Unit	RM-C787 (AAA/R03 dry battery × 2)	RM-C786(AAA/R03 dry battery × 2)

Design & specifications are subject to change without notice.

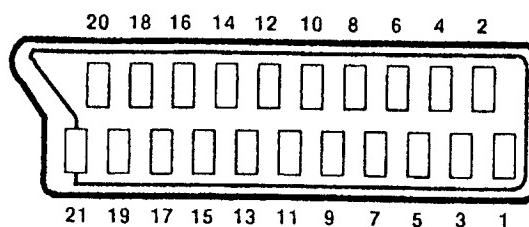
★ Manufactured under license from Dolby Laboratories Licensing Corporation.
 "Dolby" and the double-D symbol  are trademarks of Dolby Laboratories Licensing Corporation.

■ 21-pin Euro connector (SCART socket) : EXT-1 / EXT-2 / EXT-3

(P-P= Peak to Peak, S-W= Sync tip to white peak, B-W= Blanking to white peak)

Pin No.	Signal Designation	Matching Value	EXT-1	EXT-2	EXT-3
1	AUDIO R output	500mVrms(Nominal), Low impedance	○ (TV OUT)	○ (LINE OUT)	NC
2	AUDIO R input	500mVrms(Nominal), High impedance	○	○	○
3	AUDIO L output	500mVrms(Nominal), Low impedance	○ (TV OUT)	○ (LINE OUT)	NC
4	AUDIO GND		○	○	○
5	GND (B)		○	○	○
6	AUDIO L input	500mVrms(Nominal), High impedance	○	○	○
7	B input	700mV _{B-W} , 75Ω	○	NC	NC
8	FUNCTON SW (SLOW SW)	Low : 0-3V, High : 8-12V, High impedance	○	○	○
9	GND (G)		○	○	○
10	SCL3		NC	○	NC
11	G input	700mV _{B-W} , 75Ω	○	NC	NC
12	SDA3		NC	○	NC
13	GND (R)		○	○	○
14	GND (Y _s)		○	NC	NC
15	R / C input	R : 700mV _{B-W} , 75Ω C : 300mV _{P-P} , 75Ω	○ (only R)	○ (only C)	○ (only C)
16	Y _s input	Low : 0 - 0.4, High : 1 - 3V, 75Ω	○	NC	NC
17	GND(VIDEO output)		○	○	○
18	GND(VIDEO input)		○	○	○
19	VIDEO output	1V _{S-W} (Negative going sync), 75Ω	○ (TV)	○ (LINE OUT)	NC
20	VIDEO / Y input	1V _{S-W} (Negative going sync), 75Ω	○	○	○
21	COMMON GND		○	○	○

[Pin assignment]



SAFETY PRECAUTIONS AV-32WFP1EU

1. The design of this product contains special hardware, many circuits and components specially for safety purposes. For continued protection, no changes should be made to the original design unless authorized in writing by the manufacturer. Replacement parts must be identical to those used in the original circuits. Service should be performed by qualified personnel only.
2. Alterations of the design or circuitry of the products should not be made. Any design alterations or additions will void the manufacturer's warranty and will further relieve the manufacturer of responsibility for personal injury or property damage resulting therefrom.
3. Many electrical and mechanical parts in the products have special safety-related characteristics. These characteristics are often not evident from visual inspection nor can the protection afforded by them necessarily be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts which have these special safety characteristics are identified in the parts list of Service manual. Electrical components having such features are identified by shading on the schematics and by (Δ) on the parts list in Service manual. The use of a substitute replacement which does not have the same safety characteristics as the recommended replacement part shown in the parts list of Service manual may cause shock, fire, or other hazards.
4. **Don't short between the LIVE side ground and ISOLATED (NEUTRAL) side ground or EARTH side ground when repairing.**
Some model's power circuit is partly different in the GND. The difference of the GND is shown by the LIVE : (\perp) side GND, the ISOLATED(NEUTRAL) : (\downarrow) side GND and EARTH : (\oplus) side GND. Don't short between the LIVE side GND and ISOLATED(NEUTRAL) side GND or EARTH side GND and never measure with a measuring apparatus (oscilloscope etc.) the LIVE side GND and ISOLATED(NEUTRAL) side GND or EARTH side GND at the same time.
If above note will not be kept, a fuse or any parts will be broken.
5. If any repair has been made to the chassis, it is recommended that the B1 setting should be checked or adjusted (See ADJUSTMENT OF B1 POWER SUPPLY).
6. The high voltage applied to the picture tube must conform with that specified in Service manual. Excessive high voltage can cause an increase in X-Ray emission, arcing and possible component damage, therefore operation under excessive high voltage conditions should be kept to a minimum, or should be prevented. If severe arcing occurs, remove the AC power immediately and determine the cause by visual inspection (incorrect installation, cracked or melted high voltage harness, poor soldering, etc.). To maintain the proper minimum level of soft X-Ray emission, components in the high voltage circuitry including the picture tube must be the exact replacements or alternatives approved by the manufacturer of the complete product.
7. Do not check high voltage by drawing an arc. Use a high voltage meter or a high voltage probe with a VTVM. Discharge the picture tube before attempting meter connection, by connecting a clip lead to the ground frame and connecting the other end of the lead through a $10k\Omega$ 2W resistor to the anode button.
8. When service is required, observe the original lead dress. Extra precaution should be given to assure correct lead dress in the high voltage circuit area. Where a short circuit has occurred, those components that indicate evidence of overheating should be replaced. Always use the manufacturer's replacement components.

9. Isolation Check

(Safety for Electrical Shock Hazard)

After re-assembling the product, always perform an isolation check on the exposed metal parts of the cabinet (antenna terminals, video/audio input and output terminals, Control knobs, metal cabinet, screwheads, earphone jack, control shafts, etc.) to be sure the product is safe to operate without danger of electrical shock.

(1) Dielectric Strength Test

The isolation between the AC primary circuit and all metal parts exposed to the user, particularly any exposed metal part having a return path to the chassis should withstand a voltage of 3000V AC (r.m.s.) for a period of one second.

(. . . Withstand a voltage of 1100V AC (r.m.s.) to an appliance rated up to 120V, and 3000V AC (r.m.s.) to an appliance rated 200V or more, for a period of one second.)

This method of test requires a test equipment not generally found in the service trade.

(2) Leakage Current Check

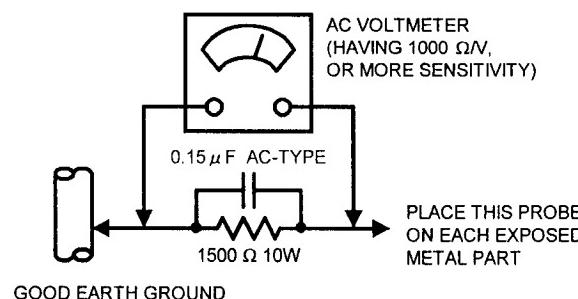
Plug the AC line cord directly into the AC outlet (do not use a line isolation transformer during this check.). Using a "Leakage Current Tester", measure the leakage current from each exposed metal part of the cabinet, particularly any exposed metal part having a return path to the chassis, to a known good earth ground (water pipe, etc.). Any leakage current must not exceed 0.5mA AC (r.m.s.).

However, in tropical area, this must not exceed 0.2mA AC (r.m.s.).

● Alternate Check Method

Plug the AC line cord directly into the AC outlet (do not use a line isolation transformer during this check.). Use an AC voltmeter having 1000 ohms per volt or more sensitivity in the following manner. Connect a 1500Ω 10W resistor paralleled by a $0.15\mu F$ AC-type capacitor between an exposed metal part and a known good earth ground (water pipe, etc.). Measure the AC voltage across the resistor with the AC voltmeter. Move the resistor connection to each exposed metal part, particularly any exposed metal part having a return path to the chassis, and measure the AC voltage across the resistor. Now, reverse the plug in the AC outlet and repeat each measurement. Any voltage measured must not exceed 0.75V AC (r.m.s.). This corresponds to 0.5mA AC (r.m.s.).

However, in tropical area, this must not exceed 0.3V AC (r.m.s.). This corresponds to 0.2mA AC (r.m.s.).



SAFETY PRECAUTIONS AV-32WFP1EK

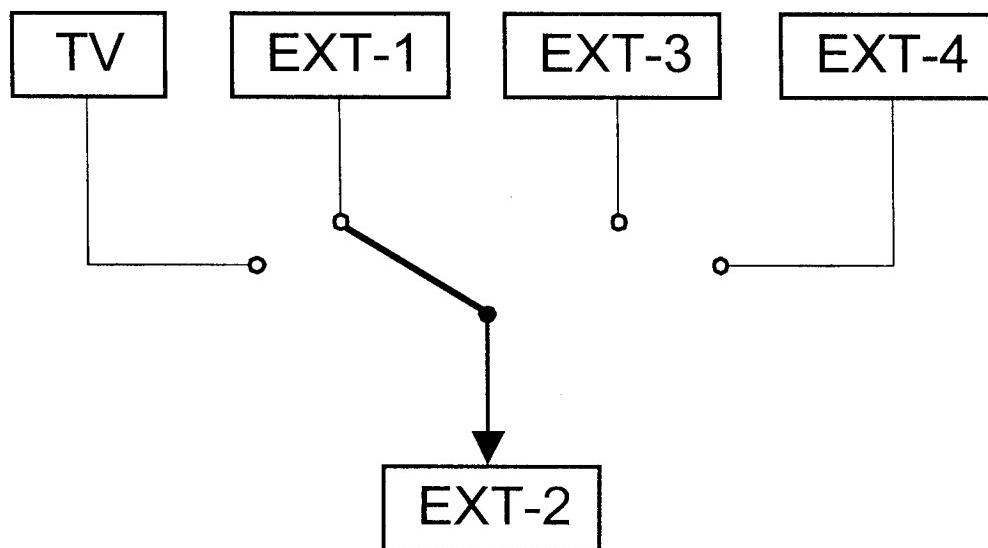
1. The design of this product contains special hardware and many circuits and components specially for safety purposes. For continued protection, no changes should be made to the original design unless authorized in writing by the manufacturer. Replacement parts must be identical to those used in the original circuits. Service should be performed by qualified personnel only.
2. Alterations of the design or circuitry of the product should not be made. Any design alterations or additions will void the manufacturer's warranty and will further relieve the manufacturer of responsibility for personal injury or property damage resulting therefrom.
3. Many electrical and mechanical parts in the product have special safety-related characteristics. These characteristics are often not evident from visual inspection nor can the protection afforded by them necessary be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts which have these special safety characteristics are identified in the Parts List of Service Manual. Electrical components having such features are identified by shading on the schematics and by (Δ) on the Parts List in the Service Manual. The use of a substitute replacement which does not have the same safety characteristics as the recommended replacement part shown in the Parts List of Service Manual may cause shock, fire, or other hazards.
4. The leads in the products are routed and dressed with ties, clamps, tubing's, barriers and the like to be separated from live parts, high temperature parts, moving parts and / or sharp edges for the prevention of electric shock and fire hazard. When service is required, the original lead routing and dress should be observed, and it should be confirmed that they have been returned to normal, after re-assembling.

WARNING

1. The equipment has been designed and manufactured to meet international safety standards.
2. It is the legal responsibility of the repairer to ensure that these safety standards are maintained.
3. Repairs must be made in accordance with the relevant safety standards.
4. It is essential that safety critical components are replaced by approved parts.
5. If mains voltage selector is provided, check setting for local voltage.

FEATURES

- By preference, users can select the picture size from REGULAR, PANORAMIC, 14:9 ZOOM, 16:9 ZOOM, 16:9 ZOOM SUBTITLE, FULL modes. When the TV unit received WSS picture signal, the picture can be changed to 16:9 mode automatically.
- The TELETEXT SYSTEM has a built-in Fastest, TOP (Only AV-32WFP1EU) and WST system.
- Because this TV unit corresponds to multiplex broadcast, users can enjoy music programs and sporting events with live realism. In addition, BILINGUAL programs can be heard in their original language.
- In accordance with the brightness in a room, the brightness and/or contrast of the picture can be adjusted automatically to make the optimum picture which is easy on the eye.
- Users can make VCR dubbing of picture and sound by controlling the AV selector to select an optional source at the EXT-2 output shown in figure.
- Because of built in 2 tuner PIP circuit, displays plural programs on the screen at the same time.
- Built-in REAR SPEAKER OUT.
- Built-in TV-LINK.



AV-32WFP1EU
AV-32WFP1EK

MAIN DIFFERENCE PARTS LIST

△	Part Name	Model Name	AV-32WFP1EU	AV-32WFP1EK
	MAIN PWB		SMD-1001A-U2	SMD-1901A-U2
	P&P PWB		SMD0P001A-U2	SMD0P901A-U2
	IF PWB		SMD0F001A-U2	SMD0F902A-U2
△	POWER CORD		AEEMP001-185	AEEMP003-185A
△	RATING LABEL		LC20380-001A-U LC20379-001A-U	LC20091-002A-U
	REMOCON UNIT		RM-C787-1E	RM-C786-1E
	EURO LABEL		AEM1039-057-E	AEM1039-056-E
△	INST BOOK		LCT0337-001A-U LCT0338-001A-U LCT0339-001A-U	LCT0340-001A-U
	X-RAY CARD		AEM1041-001-E	x
	S.DIAGRAM (ONLY ITALY)		32WFP1EU-HSAE	x

SPECIFIC SERVICE INSTRUCTIONS

DISASSEMBLY PROCEDURE

REMOVING THE REAR COVER

1. Unplug the power cord.
2. Remove the 13 screws marked **(A)** as shown in Fig. 1.
3. Withdraw the rear cover toward you.

REMOVING THE CHASSIS

- After removing the rear cover.
- 1. Slightly raise the both sides of the chassis by hand and remove the 2 claws under the both sides of the chassis from the front cabinet.
- 2. Withdraw the chassis backward.
(If necessary, take off the wire clamp, connectors etc.)

REMOVING THE AV TERMINAL PWB & THE AV BOARD

- After removing the rear cover.
- 1. Remove the 9 screws marked **(B)** as shown in Fig. 1.
- 2. Remove the claws marked **(C)** under the CHASSIS as shown in Fig.2.
- 3. While raising the claw marked **(D)**, remove the top of the AV BOARD slightly in the direction of arrow **(E)** as shown in Fig. 2.

REMOVING THE SPEAKER (Tweeter & Center SP)

- After removing the rear cover.
- 1. Remove the 2 screws marked **(F)** as shown in Fig. 1.

REMOVING THE DOME SPEAKER BOX

- After removing the rear cover.
- 1. Remove the 2 screws marked **(G)** as shown in Fig. 1.
- 2. Follow the same steps when removing the other hand DOME SPEAKER BOX.

NOTE: When removing the screws marked **(G)** of the DOME SPEAKER BOX, remove the lower side screw first, and then remove the upper screw.

REMOVING THE SPEAKER HORN

- After removing the DOME SPEAKER BOX.
- 1. Remove the 2 screws marked **(J)** as shown in Fig. 1.

REMOVING THE CONTROL BASE

- After removing the CHASSIS.
- 1. While pushing down the claws marked **(H)**, remove the CONTROL BASE in the arrow direction **(I)** as shown in Fig. 3.

CHECKING THE PW BOARD

To check the back side of the PW Board.

- 1) Pull out the chassis. (Refer to REMOVING THE CHASSIS).
- 2) Erect the chassis vertically so that you can easily check the back side of the PW Board.

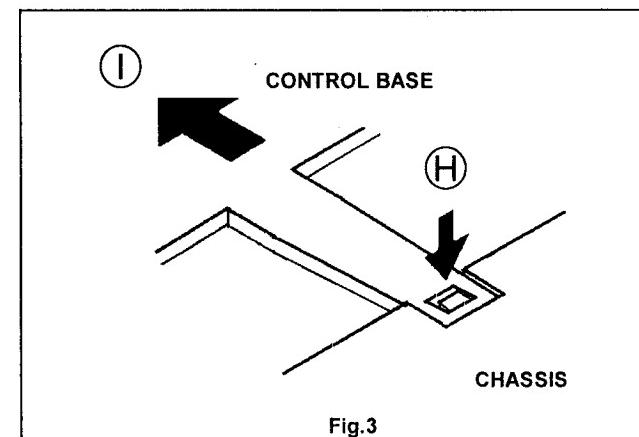
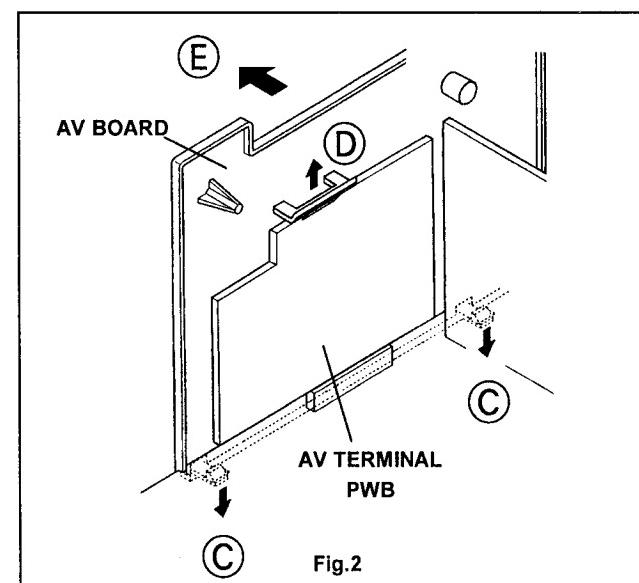
[CAUTION]

- When erecting the chassis, be careful so that there will be no contacting with other PW Board.
- Before turning on power, make sure that the wire connector is properly connected.
- When conducting a check with power supplied, be sure to confirm that the CRT EARTH WIRE (BRAIDED ASS'Y) is connected to the CRT SOCKET PW board.

WIRE CLAMPING AND CABLE TYING

1. Be sure to clamp the wire.

Never remove the cable tie used for tying the wires together.
Should it be inadvertently removed, be sure to tie the wires with a new cable tie.



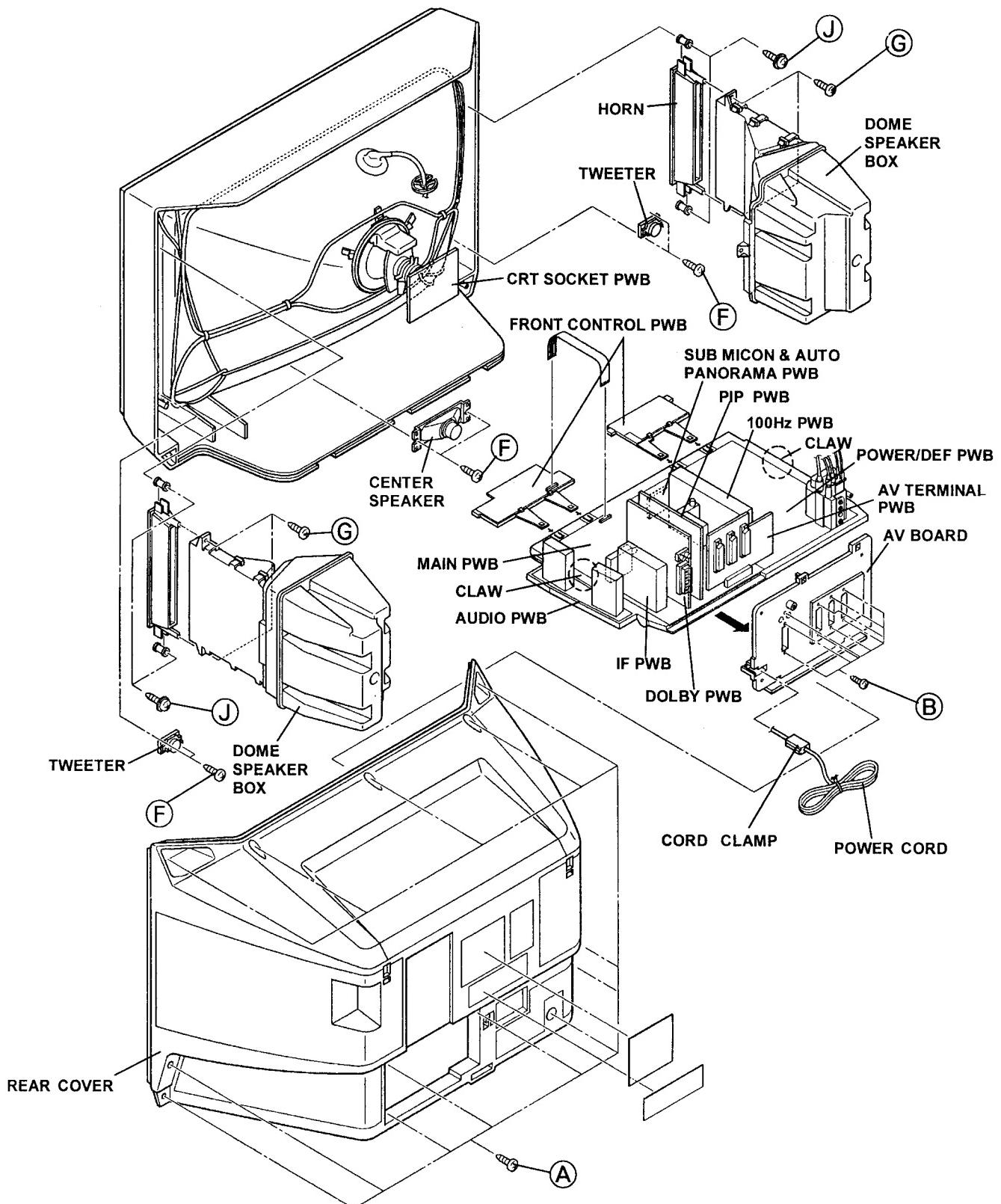


Fig.1

REMOVING THE CRT

- * Replacement of the CRT should be performed by 2 or more persons.
- After removing the cover, chassis etc..,
- 1. Putting the CRT change table on soft cloth, the CRT change table should also be covered with such soft cloth (shown in Fig.4).
- 2. While keeping the surface of CRT down, mount the TV set on the CRT change table balanced will as shown in Fig.4.
- 3. Remove 4 screws marked by arrows with a box type screw driver as shown in Fig.5.
- Since the cabinet will drop when screws have been removed, be sure to support the cabinet with hands.
- 4. After 4 screws have been removed, put the cabinet slowly on cloth (At this time, be carefully so as not to damage the front surface of the cabinet) shown in Fig.6.
- The CRT should be assembled according to the opposite sequence of its dismantling steps.
- * The CRT change table should preferably be smaller than the CRT surface, and its height be about 35cm.

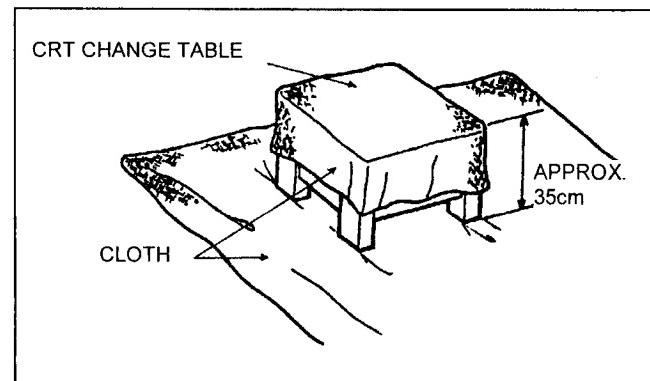


Fig. 4

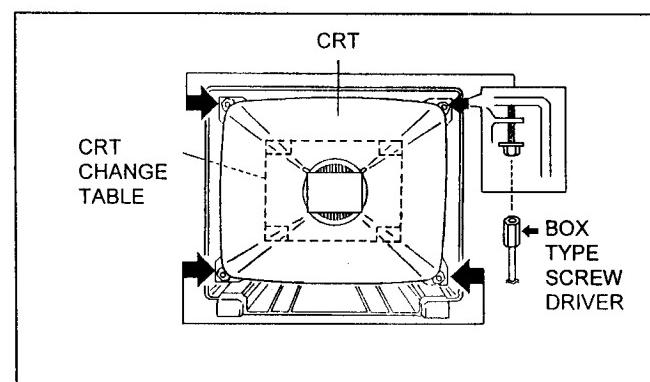


Fig. 5

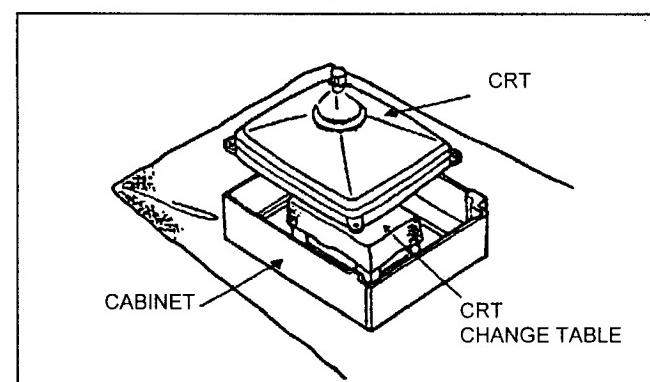


Fig. 6

COATING OF SILICON GREASE FOR ELECTRICAL INSULATION ON THE CRT ANODE CAP SECTION.

- Subsequent to replacement of the CRT and HV transformer or repair of the anode cap, etc. by dismantling them, be sure to coat silicon grease for electrical insulation as shown in Fig.7. Wipe around the anode button with clean and dry cloth. (Fig.7) Coat silicon grease on the section around the anode button. At this time, take care so that any silicon greases dose not stick to the anode button. (Fig.8)

★ Silicon grease product No. KS - 650N

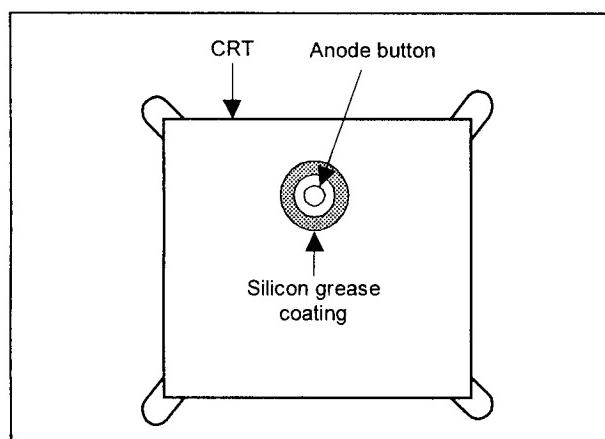


Fig. 7

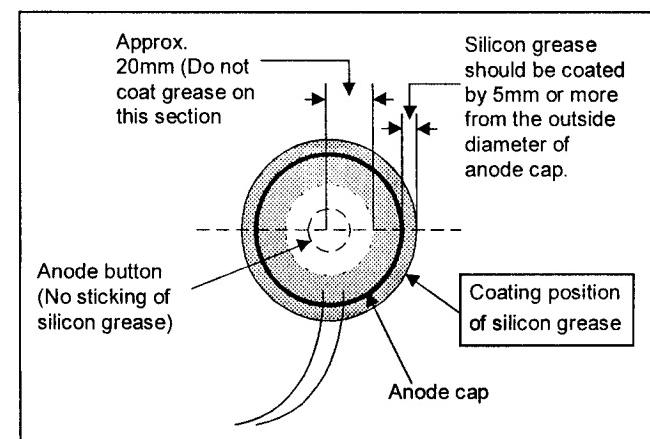


Fig. 8

REPLACEMENT OF MEMORY ICs

1. Memory ICs

This TV uses memory ICs. In the memory ICs, there are memorized data for correctly operating the video and deflection circuits. When replacing memory ICs, be sure to use ICs written with the initial values of data.

2. Procedure for replacing memory ICs

PROCEDURE	
(1) Power off	Switch the power off and unplug the power cord from the outlet.
(2) Replace ICs.	Be sure to use memory ICs written with the initial data values.
(3) Power on	Plug the power cord into the outlet and switch the power on.
(4) Check and set SYSTEM CONSTANT SET:	<p>1) Press the INFORMATION key and the MUTING key of the REMOTE CONTROL UNIT simultaneously.</p> <p>2) The SERVICE MENU screen of Fig. 1 will be displayed.</p> <p>3) While the SERVICE MENU is displayed, press the INFORMATION key and MUTING key simultaneously, and the SYSTEM CONSTANT SET screen of Fig. 2 will be displayed.</p> <p>4) Check the setting values of the SYSTEM CONSTANT SET of Table 1. If the value is different, select the setting item with the FUNCTION UP/DOWN key, and set the correct value with the FUNCTION -/+ key.</p> <p>5) Press the MENU key to memorize the setting value.</p> <p>6) Press the INFORMATION key twice, and return to the normal screen.</p>
(5) Setting of receive channels	Set the receive channel. For setting, refer to the OPERATING INSTRUCTIONS.
(6) User settings	Check the user setting values of Table 2, and if setting value is different, set the correct value. For setting, refer to the OPERATING INSTRUCTIONS.
(7) Setting of SERVICE MENU	Verify the setting items of the SERVICE MENU of Table 3, and reset where necessary. For setting, refer to the SERVICE ADJUSTMENTS.

For Service Manuals Contact
MAURITRON TECHNICAL SERVICES
8 Cherry Tree Rd, Chinnor
Oxon OX9 4QY
Tel:- 01844-351694 Fax:- 01844-352554
Email:- enquiries@mauritron.co.uk

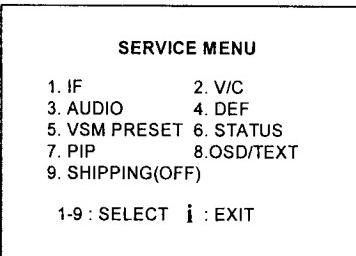


Fig.1

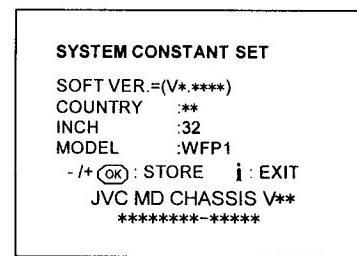


Fig.2

NAME OF REMOTE CONTROL KEY

Names of key	key
INFORMATION	
MUTING	
MENU	
FUNCTION UP/DOWN	
FUNCTION -/+	

SETTING VALUES OF SYSTEM CONSTANT SET (TABLE 1)

Setting item	Setting content	Setting value	
		AV-32WFP1EU	AV-32WFP1EK
COUNTRY	► EK ► EN ► EP ► ER ► EU ▼	EU	EK
INCH	► 28 ► 32 ► 29 ▼	32	←
MODEL	► WFP1 ► WZ ▼	WFP1	←

USER SETTING VALUES (TABLE 2)

Setting item	Setting value	Setting item	Setting value
SUB POWER	ON	VOLUME	Appropriate sound volume
CHANNEL	1 POSITION	DISPLAY	CHANNEL NUMBER DISPLAY
CHANNEL PRESET	See OPERATING INSTRUCTIONS.	ZOOM	REGULAR
P.BASS	POWER BASS OFF		
MENU SCREEN SETTING			
PICTURE SETTING		DIGITAL SURROUND	OFF
TINT CONTRAST BRIGHT SHARP COLOUR ECO MODE	COOL REFER to VSM SETTING OFF	PRO LOGIC 3D-PHONIC MODE LEVEL TV SPEAKER VOLUME (L/R/C)	CINEMA/SPORT CENTER L/R/C MAX
PICTURE FEATURES		DOLBY PRO LOGIC	
DIGITAL VNR	OFF	MODE TV SPEAKER TEST MODE VOLUME	NORMAL L/R/C OFF MAX(ALL)
DigiPure	ON		
COLOUR SYSTEM (MAIN/SUB)	TV : According to preset CH EXT : AUTO	EXT SETTING	
4:3 ASPECT	PANORAMIC	ID DUBBING	BLANK EXT1→EXT2
PICTURE TILT	CENTER	FEATURES	
PIP	PIP POSITION : RIGHT LOWER MULTI PIC : 5SCREEN (EK MODEL) 10SCREEN (EP MODEL)	SLEEP TIMER BLUE BLACK CHILD LOCK	OFF ON ID : No.0000 ALL CH OFF
SOUND SETTING		INSTALL	
STEREO I / II BASS TREBLE BALANCE SPEAKER	○ (STEREO SOUND) CENTER ON	LANGUAGE	ENGLISH
HEADPHONE	VOLUME :10 TV SPEAKER :OFF OUTPUT :MAIN		

SERVICE MENU SETTING ITEMS (TABLE 3)

Setting item	Setting value	Setting item	Setting value
1. IF	1. VCO 2. DELAY POINT 3. L.V.LEVEL	5. VSM PRESET COOL NORMAL WARM	1. BRIGHT 2. CONT. 3. COLOUR 4. SHARP 5. HUE 6. WDR R 7. WDR G 8. WDR B 9. BASS 10. TREBLE
2. V/C	1. RGB BLK 2. WDR R 3. WDR G 4. WDR B 5. CUT R 6. CUT G 7. CUT B 8. BRIGHT 9. CONT. 10. COLOUR 11. HUE 12. CONT LIMIT 13. PURITY	6. STATUS <i>(Do not adjust)</i>	VPS PDC AUTO SUB SUB VER MTEXT
3. AUDIO <i>(Do not adjust)</i>	1. CONC LIMIT 2. A2 ID THR	7. PIP	1. MAIN BRIGHT 2. MAIN R-Y 3. MAIN B-Y 4. SUB BRIGHT 5. SUB R-Y 6. SUB B-Y
4. DEF.	1. V-SHIFT 2. V-SIZE 3. H-CENT 4. H-SIZE 5. EW-PIN 6. TRAPE 7. COR-UP 8. COR-LO 9. ANGLE 10. BOW 11. V-S.CR 12. V-LIN	8. OSD/TEXT	1. TEXT MONO H 2. TEXT MIX H
		9. SHIPPING <i>(Do not adjust)</i>	ON / OFF

SERVICE ADJUSTMENTS

BEFORE STARTING SERVICE ADJUSTMENT

1. There are 2 ways of adjusting this TV: One is with the REMOTE CONTROL UNIT and the other is the conventional method using adjustment parts and components.
2. The setting (adjustment) using the REMOTE CONTROL UNIT is made on the basis of the initial setting values. The setting values which adjust the screen to the optimum condition can be different from the initial setting values.
3. Make sure that connection is correctly made to AC power source.
4. Turn on the power of the TV and measuring instrument for warming up for at least 30 minutes before starting adjustment.
5. If the receive or input signal is not specified, use the most appropriate signal for adjustment.
6. Never touch parts (such as variable resistors, transformers and condensers) not shown in the adjustment items of this service adjustment.
7. Preparation for adjustment (presetting):
Unless otherwise specified in the adjustment items, preset the following functions with the REMOTE CONTROL UNIT:

PICTURE MODE (VSM)	COOL
SLEEP TIMER	OFF
SURROUND	OFF
BALANCE	CENTER
ECO	OFF
ZOOM	FULL

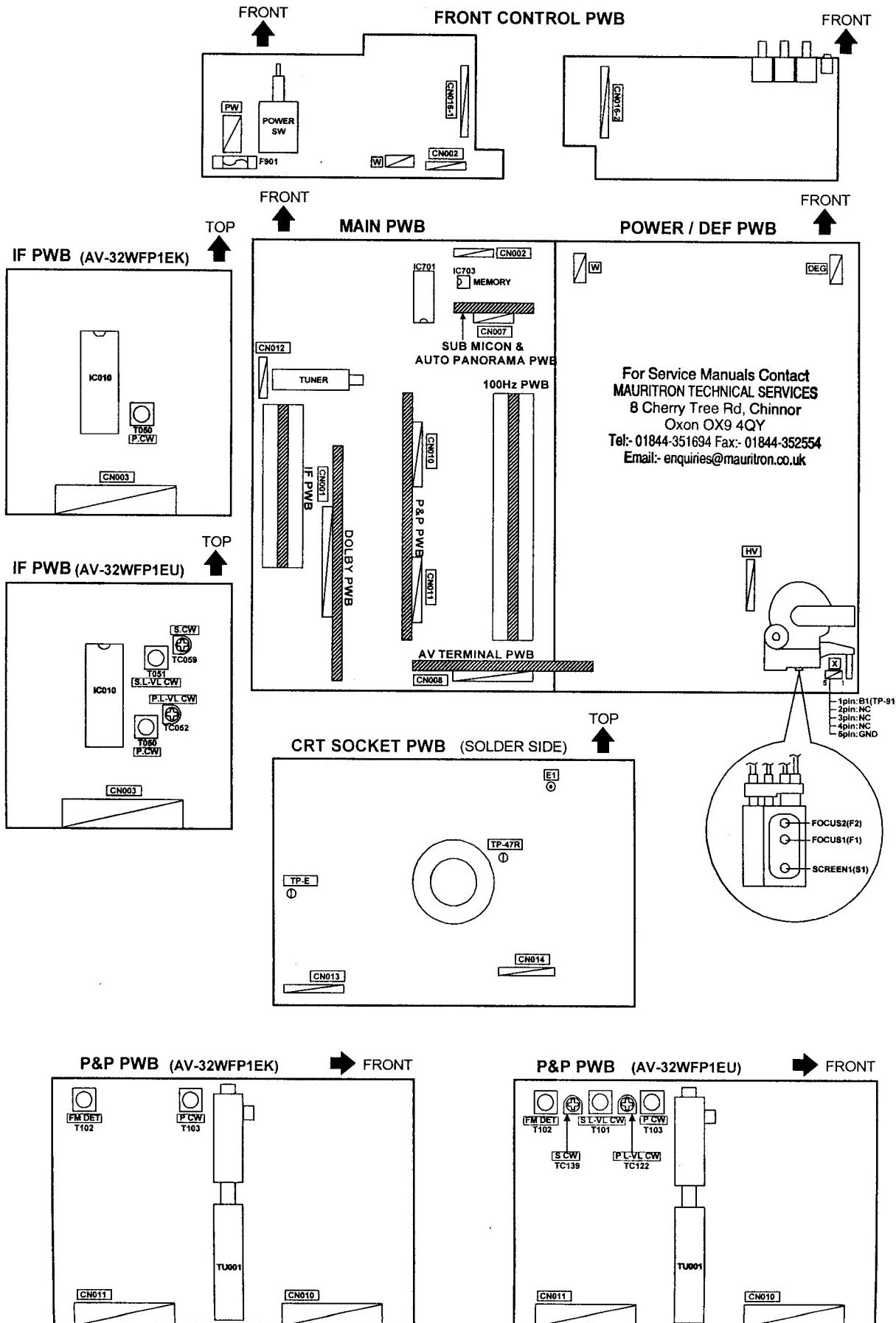
MEASURING INSTRUMENT AND FIXTURES

1. DC voltmeter (or digital voltmeter)
2. Oscilloscope
3. Signal generator (Pattern generator) [PAL / SECAM (Only AV-32WFP1EU) / NTSC]
4. Remote control unit

ADJUSTMENT ITEMS

- Check of B1 Power supply.
- Check of High Voltage.
- Adjustment of FOCUS.
- IF circuit adjustment.
- VSM preset setting.
- VIDEO / CHROMA circuit adjustment.
- DEFLECTION circuit adjustment.
- TEXT circuit adjustment.
- AUDIO circuit adjustment. (Do not adjust)

ADJUSTMENT LOCATION



BASIC OPERATION OF SERVICE MENU

1. TOOL OF SERVICE MENU OPERATION

Operate the SERVICE MENU with the REMOTE CONTROL UNIT.

2. SERVICE MENU ITEMS

With the SERVICE MENU, various settings (adjustments) can be made, and they are broadly classified in the following items of settings (adjustments):

- (1) 1. IF This mode adjusts the setting values of the IF circuit.
- (2) 2.V/C This mode adjusts the setting values of the VIDEO / CHROMA circuit.
- (3) 3.AUDIO This mode adjusts the setting values of the multiplicity SOUND circuit.
- (4) 4.DEF This mode adjusts the setting values of the DEFLECTION circuit for each aspect mode given below.
 - FULL (100/120Hz)
 - PANORAMIC (100/120Hz)
 - 16:9 ZOOM SUBTITLE (100/120Hz)
- (5) 5.VSM PRESET This mode adjusts the initial setting values of COOL,NORMAL and WARM.
(VSM : Video Status Memory)
- (6) 6.STATUS This mode shows the monitor of the VPS. (*Do not adjust*)
(VPS : Video Program System)
- (7) 7.PIP This mode adjust the setting values of PIP circuit.
(PIP : Picture In Picture)
- (8) 8.OSD/TEXT This mode adjust the setting values of TEXT mode.
- (9) 9.SHIPPING This mode sets the INITIAL SETTING VALUE. (*Do not adjust*)

3. BASIC OPERATION OF SERVICE MENU

(1) How to enter SERVICE MENU

Press the INFORMATION key and the MUTING key of the REMOTE CONTROL UNIT simultaneously, and the SERVICE MENU screen of Fig. 1 will be displayed.

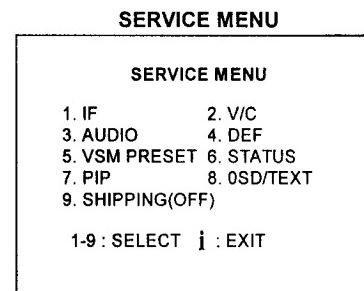


Fig.1

(2) Selection of SUB MENU SCREEN

Press one of keys 1~9 of the REMOTE CONTROL UNIT and select the SUB MENU SCREEN (See Fig. 3), form the SERVICE MENU.

SERVICE MENU → SUB MENU

- 1. IF
- 2. V / C
- 3. AUDIO
- 4. DEF.
- 5. VSM PRESET
- 6. STATUS
- 7. PIP
- 8. OSD / TEXT
- 9. SHIPPING

NAME OF REMOTE CONTROL KEY

Names of key	key
INFORMATION	
MUTING	
MENU	
FUNCTION UP/DOWN	
FUNCTION -/+	

Fig.2

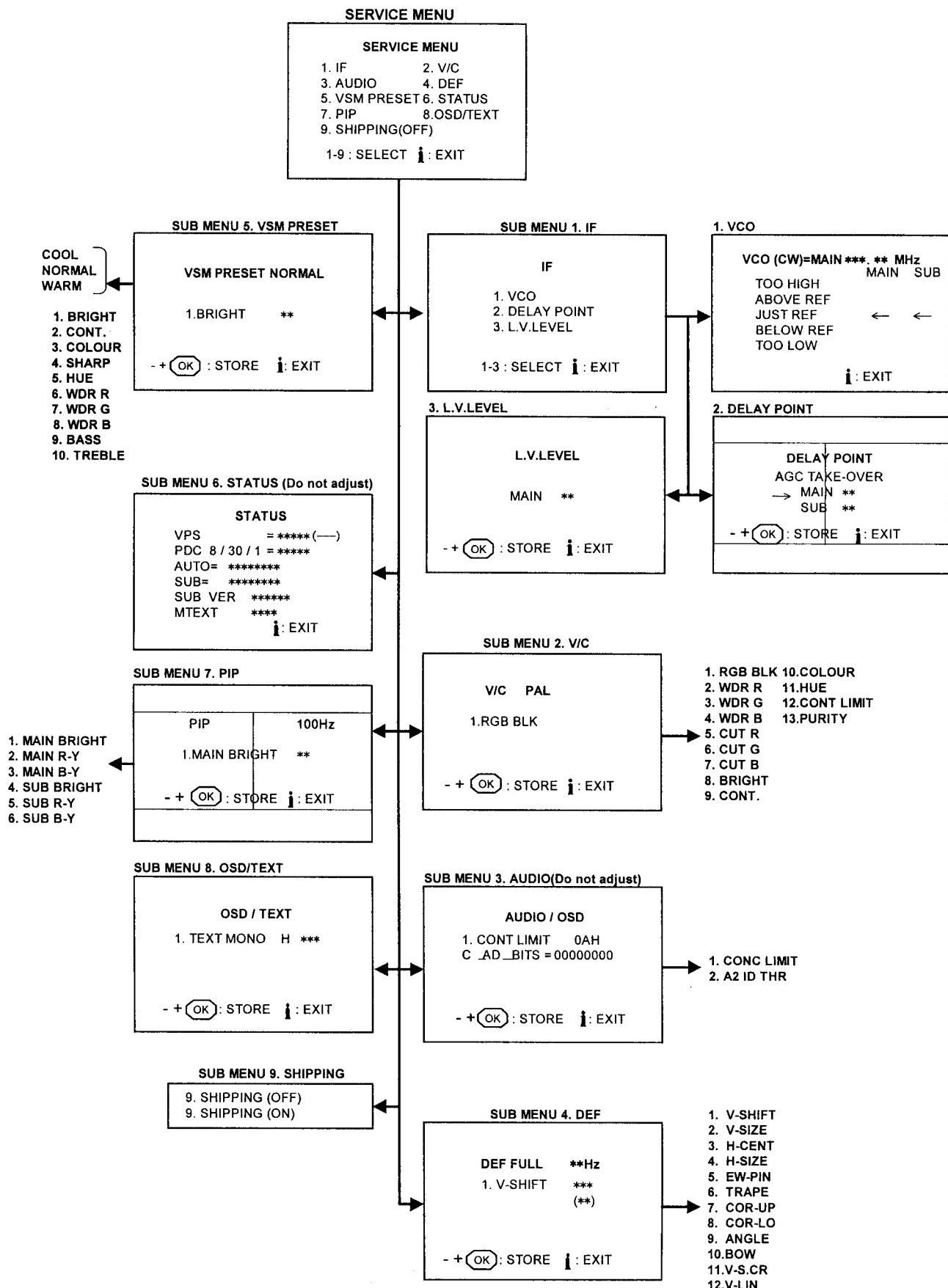


Fig. 3 SUB MENU SCREEN

(3) Method of Setting

1) Method of Setting 1.IF

[1. VCO]

- ① 1 Key Select 1.IF.
- ② 1 Key Select 1.VCO
- ③ The VCO (CW) screen will be displayed a allow mark when the AFC voltage is at a certain level.
- ④ MENU key Select MAIN or SUB.
- ⑤ INFORMATION Key As you press this twice, you will return to the SERVICE MENU.

[2. DELAY POINT]

- ① 1 Key Select 1.IF.
- ② 2 Key Select 2.DELAY POINT.
- ③ FUNCTION UP/DOWN key Select MAIN or SUB.
- ④ FUNCTION -/+ Set (adjust) the setting values of the setting items.
- ⑤ MENU Key Memorize the set value.
(Before storing the setting values in memory, do not press the CH, TV, POWER ON / OFF keys
- if you do, the values will not be stored in memory.)
- ⑥ INFORMATION Key When this is pressed twice, you will return to the SERVICE MENU.

[3. L.V.LEVEL]

- ① 1 Key Select 1.IF.
- ② 3 Key Select 3.L.V.LEVEL.
- ③ FUNCTION -/+ Key Set (adjust) the setting values of the setting items.
- ④ MENU Key Memorize the set value.
(Before storing the setting values in memory, do not press the CH, TV, POWER ON / OFF keys
- if you do, the values will not be stored in memory.)
- ⑤ INFORMATION Key When this is pressed twice, you will return to the SERVICE MENU.

2) Method of setting 2.V/C, 3.AUDIO, 4.DEF, 5.VSM PRESET, 7.PIP and 8.OSD/TEXT.

- ① 2~5, 7, 8 Key Select one from 2. V/C, 3. AUDIO, 4. DEF, 5. VSM PRESET, 7.PIP and 8.OSD/TEXT.
- ② FUNCTION UP/DOWN Key Select setting items.
- ③ FUNCTION -/+ Set (adjust) the setting values of the setting items.
(When 1.RGB BLK of 2.V/C is selected, press the FUNCTION-/+ key, and the whole will
change to a black picture. Press the FUNCTION-/+ or 2 key, and the screen will return to the
original screen.)
- ④ MENU Key Memorize the setting value.
(Before storing the setting values in memory, do not press the CH, TV, POWER ON / OFF key
- if you do, the values will not be stored in memory.)
- ⑤ INFOMATION Key Return to the SERVICE MENU screen.

3) Method of setting 6.STATUS and 9.SHIPPING.

6.STATUS (Do not adjust) This mode displayed monitor of VPS. (Video Program Systems)

9.SHIPPING (Do not adjust) This mode is set the initial setting value at the time of shipment, you need not to use it for
service.

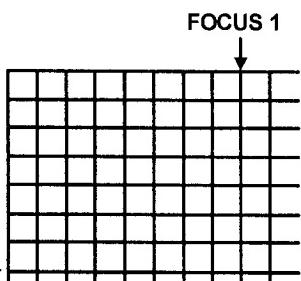
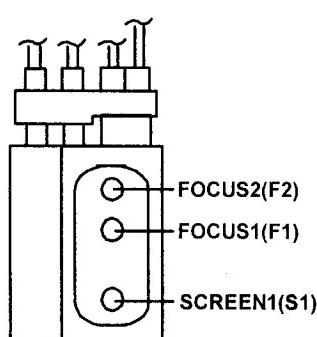
(4) Release of SERVICE MENU

1) After completing the setting, return to the SERVICE MENU, then again press the INFORMATION key.

CHECK ITEM

Item	Measuring instrument	Test point	Adjustment part	Description
Check of B1 Power supply	Signal Generator DC voltmeter	TP-91(B1) TP-E(GND ↗) [X connector on POWER DEF PWB]		<ol style="list-style-type: none"> Receive a any broadcast. Select 2.V/C from the SERVICE MENU. Select 1.RGB BLK with Function UP/DOWN key. Press the Function -/+ key, the whole black screen display. Connect a DC voltmeter to TP-91(B1) and TP-E(GND ↗). Make sure that the voltage is DC139.2V±2.0V.
Check of High voltage	Signal generator DC voltmeter	CRT anode		<ol style="list-style-type: none"> Receive a any broadcast. Select 2.V/C from the SERVICE MENU. Select 1.RGB BLK with Function UP/DOWN key. Press the Function -/+ key, the whole black screen display. Connect a DC voltmeter to CRT ANODE +1kV Make sure that the voltage is DC 32.0kV -1.5kV

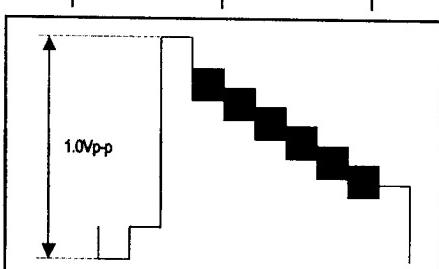
FOCUS ADJUSTMENT

Item	Measuring instrument	Test point	Adjustment part	Description
Adjustment of FOCUS	Signal generator		FOCUS 1 FOCUS 2 [In FBT]	<ol style="list-style-type: none"> Receive a cross-hatch signal. Select FULL mode. By turning the FOCUS 1 VR, adjust the picture so that the 8th vertical line from the left side of the cross-hatch picture becomes thinnest. By turning the FOCUS 2 VR, adjust the picture so that the 7th horizontal line from the upper side of the cross-hatch picture becomes thinnest. Carry out adjustment by repeating the steps 2 and 3 above. Make sure that when the screen is darkened, the lines remain in good focus.  

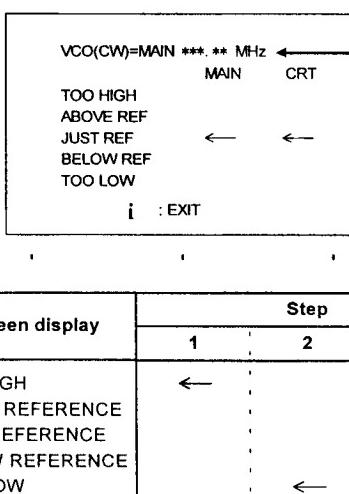
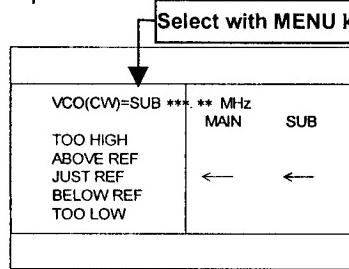
IFCIRCUIT ADJUSTMENT [AV-32WFP1EU]

Item	Measuring instrument	Test point	Adjustment part	Description
Adjustment of VCO [MAIN]	Remote control unit		P. CW TRANSF. (T050) P.L-VL CW TRIM. C (TC052) [On IF PWB]	<ul style="list-style-type: none"> Under normal conditions, no adjustment is required. It must not adjust without signal. <ol style="list-style-type: none"> Receive a broadcast. Select 1.IF from the SERVICE MENU. Press 1 key and select 1.VCO. Select a SECAM L or PAL broadcast channel with the CHANNEL key. Turn the core of P. CW TRANSF. until the arrow mark (\leftarrow) on the screen points TOO HIGH (Step 1). Turn the core of P. CW TRANSF. until the arrow mark (\leftarrow) on the screen points TOO LOW (Step 2). Then slowly turn back the core of P. CW TRANSF. until the arrow mark (\leftarrow) on the screen points JUST REF (Step 3). In the district where SECAM L'(VHF LOW)s broadcast, can be received, select a SECAM L's broadcast channel with the CHANNEL key and adjust the P.L-VL CW TRIM.C in the same manner as for above steps. And readjust P.CW TRANSF., if necessary. Press the INFORMATION key three times to return to normal screen. Perform CHANNEL PRESET again, and make sure that each broadcast is being received properly.
Adjustment of VCO [SUB]	Remote control unit		P. CW TRANSF. (T103) P.L-VL CW TRIM. C (TC122) [On P&P PWB]	<ul style="list-style-type: none"> Under normal conditions, no adjustment is required. It must not adjust without signal. <ol style="list-style-type: none"> Receive a broadcast. Press the PIP key, the TWIN screen is displayed. Select 1.IF from the SERVICE MENU. Press 1 key and select 1.VCO. Press the MENU key, and select SUB of the VCO screen. Select a SECAM L or PAL broadcast channel with the SUB-P UP (\wedge) or DOWN (\vee) key. Turn the core of P. CW TRANSF. until the arrow mark (\leftarrow) on the screen points TOO HIGH (Step 1). Turn the core of P. CW TRANSF. until the arrow mark (\leftarrow) on the screen points TOO LOW (Step 2). Then slowly turn back the core of P. CW TRANSF. until the arrow mark (\leftarrow) on the screen points JUST REF (Step 3). In the district where SECAM L'(VHF LOW)s broadcast, can be received, select a SECAM L's broadcast channel with the SUB-P UP (\wedge) or DOWN (\vee) key. key and adjust the P.L-VL CW TRIM.C in the same manner as for above steps. And readjust P.CW TRANSF., if necessary. Press the INFORMATION key three times to return to normal screen. Make sure that each broadcast is being received properly.

[AV-32WFP1EU]

Item	Measuring instrument	Test point	Adjustment part	Description									
Adjustment of DELAY POINT	Remote control unit		DELAY POINT (AGC TAKE-OVER)	<p>1. Receive a black and white signal (colour off).</p> <p>2. Select 1.IF from the SERVICE MENU.</p> <p>3. Select 2.DELAY POINT by pressing the 2 key on the remote control.</p> <p>4. Select MAIN or SUB with FUNCTION UP/DOWN key.</p> <p>5. Adjust the FUNCTION - or + key until video noise disappears.</p> <p>6. Press the MENU key and memorize the set value.</p> <p>7. Turn to other channels and make sure that there are no irregularities.</p>									
		<table border="1"> <thead> <tr> <th rowspan="2">Setting item (Adjustment item)</th> <th rowspan="2">Variable range</th> <th colspan="2">Initial setting value</th> </tr> <tr> <th>MAIN</th> <th>SUB</th> </tr> </thead> <tbody> <tr> <td>DELAY POINT (AGC TAKE-OVER)</td> <td>0~63</td> <td>35</td> <td>25</td> </tr> </tbody> </table>		Setting item (Adjustment item)	Variable range	Initial setting value		MAIN	SUB	DELAY POINT (AGC TAKE-OVER)	0~63	35	25
Setting item (Adjustment item)	Variable range	Initial setting value											
		MAIN	SUB										
DELAY POINT (AGC TAKE-OVER)	0~63	35	25										
Adjustment of L V. LEVEL	Signal generator Oscilloscope [H-rate] Remote control unit	EXT-1 ⑩pin (TV OUT)		<p>1. Receive a SECAM-L full field colour bar signal (100% white).</p> <p>2. Connect an oscilloscope terminated 75Ω to EXT-1 terminal of ⑩pin (TV out).</p> <p>3. Select 1. IF from the SERVICE MENU.</p> <p>4. Press 3 key and select 3.LV LEVEL.</p> <p>5. Adjust the LV LEVEL by FUNCTION -/+ key and make the wave detector output 1.0Vp-p.</p> <p>6. Press the MENU key and memorize the set value.</p>									
													

IF CIRCUIT ADJUSTMENT [AV-32WFP1EK]

Item	Measuring instrument	Test point	Adjustment part	Description												
Adjustment of VCO [MAIN]	Remote control unit		P. CW TRANSF. (T050) [On IF PWB]	<ul style="list-style-type: none"> Under normal conditions, no adjustment is required. It must not adjust without signal. <p>1. Receive a broadcast. 2. Select 1.IF from the SERVICE MENU. 3. Press 1 key and select 1.VCO. 4. Select PAL broadcast channel with the CHANNEL key. 5. Turn the core of P. CW TRANSF. until the arrow mark (\leftarrow) on the screen points TOO HIGH (Step 1). 6. Turn the core of P. CW TRANSF. until the arrow mark (\leftarrow) on the screen points TOO LOW (Step 2). 7. Then slowly turn back the core of P. CW TRANSF. until the arrow mark (\leftarrow) on the screen points JUST REF (Step 3). 8. Press the INFORMATION key three times to return to normal screen. 9. Perform CHANNEL PRESET again, and make sure that each broadcast is being received properly.</p>  <table border="1" data-bbox="187 672 650 897"> <thead> <tr> <th>Screen display</th> <th colspan="3">Step</th> </tr> <tr> <th></th> <th>1</th> <th>2</th> <th>3</th> </tr> </thead> <tbody> <tr> <td>TOO HIGH ABOVE REFERENCE JUST REFERENCE BELOW REFERENCE TOO LOW</td> <td>\leftarrow</td> <td></td> <td>\leftarrow</td> </tr> </tbody> </table>	Screen display	Step				1	2	3	TOO HIGH ABOVE REFERENCE JUST REFERENCE BELOW REFERENCE TOO LOW	\leftarrow		\leftarrow
Screen display	Step															
	1	2	3													
TOO HIGH ABOVE REFERENCE JUST REFERENCE BELOW REFERENCE TOO LOW	\leftarrow		\leftarrow													
Adjustment of VCO [SUB]	Remote control unit		P. CW TRANSF. (T103) [On P&P PWB]	<ul style="list-style-type: none"> Under normal conditions, no adjustment is required. It must not adjust without signal. <p>1. Receive a broadcast. 2. Press the PIP key, the TWIN screen is displayed. 3. Select 1.IF from the SERVICE MENU. 4. Press 1 key and select 1.VCO. 5. Press the MENU key, and select SUB. 6. Select PAL broadcast channel with the SUB-P UP (\wedge) or DOWN (\vee) key.. 7. Turn the core of P. CW TRANSF. until the arrow mark (\leftarrow) on the screen points TOO HIGH (Step 1). 8. Turn the core of P. CW TRANSF. until the arrow mark (\leftarrow) on the screen points TOO LOW (Step 2). 9. Then slowly turn back the core of P. CW TRANSF. until the arrow mark (\leftarrow) on the screen points JUST REF (Step 3). 10. Press the INFORMATION key three times to return to normal screen. 11. Make sure that each broadcast is being received properly.</p>  <table border="1" data-bbox="187 1345 650 1614"> <thead> <tr> <th>Screen display</th> <th colspan="3">Step</th> </tr> <tr> <th></th> <th>1</th> <th>2</th> <th>3</th> </tr> </thead> <tbody> <tr> <td>TOO HIGH ABOVE REFERENCE JUST REFERENCE BELOW REFERENCE TOO LOW</td> <td>\leftarrow</td> <td></td> <td>\leftarrow</td> </tr> </tbody> </table>	Screen display	Step				1	2	3	TOO HIGH ABOVE REFERENCE JUST REFERENCE BELOW REFERENCE TOO LOW	\leftarrow		\leftarrow
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TOO HIGH ABOVE REFERENCE JUST REFERENCE BELOW REFERENCE TOO LOW	\leftarrow		\leftarrow													
Adjustment of DELAY POINT	Remote control unit		DELAY POINT (AGC TAKE-OVER)	<ol style="list-style-type: none"> Receive a black and white signal (colour off). Select 1.IF from the SERVICE MENU. Select 2.DELAY POINT by pressing the 2 key on the remote control. Select MAIN or SUB with FUNCTION UP/DOWN key. Adjust the FUNCTION - or + key until video noise disappears. Press the MENU key and memorize the set value. Turn to other channels and make sure that there are no irregularities. 												
			Setting item (Adjustment item)	Initial setting value												
			Variable range	MAIN SUB												
			DELAY POINT (AGC TAKE-OVER)	0~63 35 25												

VSM PRESET SETTING

Item	Measuring instrument	Test point	Adjustment parts	Description
Setting of VSM PRESET ADJUST	Remote control unit		1. BRIGHT 2. CONT. 3. COLOUR 4. SHARP 5. HUE 6. WDR R 7. WDR G 8. WDR B 9. BASS 10. TREBLE	<p>1. Select COOL with the MENU key of the remote control unit.</p> <p>2. Select 5.VSM PRESET from the SERVICE MENU.</p> <p>1. Adjust the FUNCTION UP/DOWN and -/+ key to bring the set values of 1.BRIGHT ~ 10.TREBLE to the values shown in the table.</p> <p>4. Press the MENU key and memorize the set value.</p> <p>5. Respectively select the VSM PRESET mode for NORMAL and WARM, and make similar adjustment as in 3 above.</p> <p>6. Press the MENU key and memorize the set value.</p> <p>* Refer to OPERATING INSTRUCTIONS for the PICTURE MODE.</p>

Setting item	VSM preset mode	COOL	NORMAL	WARM
1. BRIGHT SETTING VALUE	-1	+0	+0	
2. CONT. SETTING VALUE	+10	+4	-4	
3. COLOUR SETTING VALUE	+1	-1	+0	
4. SHARP SETTING VALUE	+7	+7	+0	
5. HUE SETTING VALUE	+0	+0	+0	
6. WDR R SETTING VALUE	-16	+5	+11	
7. WDR G SETTING VALUE	-4	+6	+5	
8. WDR B SETTING VALUE	+0	+0	-6	
9. BASS SETTING VALUE	+0	+0	+0	
10.TREBLE SETTING VALUE	+0	+0	+0	

SETTING VALUES OF VSM PRESET

VIDEO/CHROMA CIRCUIT ADJUSTMENT [MAIN]

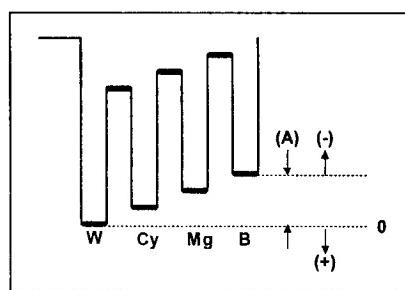
The setting (adjustment) using the REMOTE CONTROL UNIT is made on the basis of the initial setting values.
 The setting values which adjust the screen to the optimum condition can be different from the initial setting values.

Setting Item (Adjustment Item)	Initial setting value		Colour system	Initial setting value	
	PAL / SECAM	NTSC 3.58 NTSC 4.43		Setting item	PAL / SECAM
1.RGB BLK	—	—	8.BRIGHT	+000	—
2.WDR R	+010	—	9.CONT	+012	—
3.WDR G	-007	—	10.COLOUR	-008	-011
4.WDR B (Do not adjust)	+000	—	11.HUE	—	-002
5.CUT R	+000	—	12.CONT. LIMIT(Do not adjust)	+001	—
6.CUT G	+000	—	13.PURITY	+000	—
7.CUT B	+000	—			

Item	Measuring instrument	Test point	Adjustment part	Description
Adjustment of WHITE BALANCE	Signal generator Remote control unit		2.WDR R 3.WDR G 5.CUT R 6.CUT G 7.CUT B	<ul style="list-style-type: none"> ● Set the PICTURE MODE to NORMAL. <ol style="list-style-type: none"> 1. Receive a black and white signal(colour off). 2. Select 2. V/C from the SERVICE MENU. 3. Modify 2. WDR R and 3.WDR G data to adjust the white balance (high light). 4. Modify 5. CUT R, 6. CUT G and 7. CUT B data to adjust the white balance (low light). 5. Press the MENU key and memorize the set value.
Adjustment of SUB BRIGHT	Remote control unit		8.BRIGHT	<ol style="list-style-type: none"> 1. Receive any broadcast. 2. Select 2.V/C from the SERVICE MENU. 3. Select 8.BRIGHT with the FUNCTION UP/DOWN key. 4. Set the initial setting value with the FUNCTION -/+ key. 5. If the brightness is not the best with the initial setting value, make fine adjustment until you get the best brightness. 6. Press the MENU key and memorize the set value.
Adjustment of SUB CONT.	Remote control unit		9.CONT.	<ol style="list-style-type: none"> 1. Receive any broadcast. 2. Select 2.V/C from the SERVICE MENU. 3. Select 9.CONT with the FUNCTION UP/DOWN key. 4. Set the initial setting value with the FUNCTION - or + key. 5. If the contrast is not the best with the initial setting value, make fine adjustment until you get the best contrast. 6. Press the MENU key and memorize the set value.

Item	Measuring instrument	Test point	Adjustment part	Description
Adjustment of SUB COLOUR I	Remote control unit		10.COLOUR (PAL~NTSC)	[Method of adjustment without measuring instrument]
			PAL COLOUR	(PAL COLOUR) 1. Receive PAL broadcast. 2. Select 2.V/C from the SERVICE MENU. 3. Select 10.COLOUR with the FUNCTION UP/DOWN key. 4. Set the initial setting value for PAL COLOUR with the FUNCTION - or + key. 5. If the colour is not the best with the initial set value, make fine adjustment until you get the best colour. 6. Press the MENU key and memorize the set value.
			SECAM COLOUR (Only AV-32WFP1EU)	(SECAM COLOUR) 1. Receive a SECAM broadcast. Make fine adjustment of SECAM COLOUR in the same manner as for above.
			NTSC COLOUR	(NTSC 3.58 COLOUR) 1. Input a NTSC 3.58MHz COMPOSITE VIDEO signal from the EXT terminal. 2. Make similar fine adjustment of NTSC 3.58 COLOUR in the same manner as for above.
				(NTSC 4.43 COLOUR) 1. When NTSC 3.58 is set, NTSC 4.43 will be automatically set at the respective values.

Item	Measuring instrument	Test point	Adjustment part	Description
Adjustment of SUB COLOUR II	Signal generator Oscilloscope Remote control unit	TP-47B TP-E(↙) [CRT SOCKET PWB]	10.COLOUR (PAL~NTSC)	[Method of adjustment using measuring instrument]
			PAL COLOUR	(PAL COLOUR) <ol style="list-style-type: none"> Receive a PAL full field colour bar signal(75% white). Select 2.V/C from the SERVICE MENU. Select 10.COLOUR with the FUNCTION UP/DOWN key. Set the initial setting value of PAL COLOUR with the FUNCTION - or + key. Connect the oscilloscope between TP-47B and TP-E Adjust PAL COLOUR and bring the value of (A) in the illustration to -7V (voltage difference between white (w) and blue (B)). Press the MENU key and memorize the setting value.
			SECAM COLOUR (Only AV-32WFP1EU)	(SECAM COLOUR) <ol style="list-style-type: none"> Receive a SECAM full field colour bar signal(75% white). Set the initial setting value of SECAM COLOUR with the FUNCTION -/+ key. Adjust SECAM COLOUR and bring the value of (A) of the illustration to -6V(W~B). Press the MENU key and memorize the setting value.
			NTSC COLOUR	(NTSC 3.58 COLOUR) <ol style="list-style-type: none"> Input a NTSC 3.58MHz COMPOSITE VIDEO signal (full field colour bar with 75% white) from the EXT terminal. Set the initial setting value of NTSC 3.58 COLOUR with the FUNCTION -/+ key. Adjust NTSC 3.58 COLOUR and bring the value of (A) of the illustration to -4V(W~B). Press the MENU key and memorize the setting value.
				(NTSC 4.43 COLOUR) <ol style="list-style-type: none"> When NTSC 3.58 is set, NTSC 4.43 will be automatically set at the respective values.



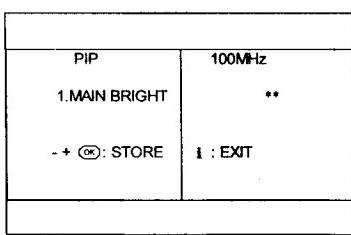
Item	Measuring instrument	Test point	Adjustment part	Description
Adjustment of SUB HUE I	Remote control unit		11.HUE	[Method of adjustment without measuring instrument]
			NTSC 3.58 HUE	<p>[NTSC 3.58 HUE]</p> <ol style="list-style-type: none"> 1. Input a NTSC 3.58MHz COMPOSITE VIDEO signal (full field colour bar with 75% white) from the EXT terminal. 2. Select 2.V/C from the SERVICE MENU. 3. Select 11.HUE with the FUNCTION UP/DOWN key. 4. Set the initial setting value of NTSC 3.58 HUE with the FUNCTION -/+ key. 5. If you cannot get the best hue with the initial setting value, make fine adjustment until you get the best hue. 6. Press the MENU key and memorize the set value.
			NTSC 4.43 HUE	<p>[NTSC 4.43 HUE]</p> <ol style="list-style-type: none"> 1. When NTSC 3.58 is set, NTSC 4.43 will be automatically set at the respective values.
Adjustment of SUB HUE II	Signal generator	TP-47B TP-E(↓) [CRT SOCKET PWB]	11.HUE	[Method of adjustment using measuring instrument]
	Oscilloscope	NTSC 3.58 HUE		<p>[NTSC 3.58 HUE]</p> <ol style="list-style-type: none"> 1. Input a NTSC 3.58MHz COMPOSITE VIDEO signal (full field colour bar with 75% white) from the EXT terminal. 2. Select 2.V/C from the SERVICE MENU. 3. Select 11.HUE with the FUNCTION UP/DOWN key. 4. Set the initial setting value of NTSC 3.58 HUE with the FUNCTION - or + key. 5. Connect the oscilloscope between TP-47B and TP-E 6. Adjust NTSC 3.58 HUE to bring the value of (B) in the illustration to -4V (voltage difference between white (W) and magenta(Mg)). 7. Press the MENU key and memorize the setting value
	Remote control unit			<p>[NTSC 4.43 HUE]</p> <ol style="list-style-type: none"> 1. When NTSC 3.58 is set, NTSC 4.43 will be automatically set at the respective values.

VIDEO/CHROMA CIRCUIT ADJUSTMENT [PIP]

Setting Item	Initial setting value	Setting Item	Initial setting value
1. MAIN BRIGHT	+15	4. SUB BRIGHT	+15
2. MAIN R-Y	+0	5. SUB R-Y	+0
3. MAIN B-Y	+0	6. SUB B-Y	+0

Item	Measuring instrument	Test point	Adjustment part	Description
Adjustment of PIP WHITE BALANCE I	Signal Generator Remote control unit	TWIN PICTURE	4. SUB BRIGHT 5. SUB R-Y 6. SUB B-Y	<p>1. Receive a colour bar signal.</p> <p>2. Select 7. PIP from the SERVICE MENU.</p> <p>3. TWIN PICTURE will be displayed (Fig.1).</p> <p>4. Select 4. SUB BRIGHT with FUNCTION UP/DOWN key.</p> <p>5. PIP PICTURE will be displayed (Fig.2).</p> <p>6. Adjust the bright of PIP so that it falls within the same bright of the MAIN PICTURE.</p> <p>7. Select 5.SUB R-Y, or 6.SUB B-Y with FUNCTION UP/DOWN key.</p> <p>8. Adjust the low light of PIP so that it falls within the same low light of the MAIN PICTURE.</p>

Fig. 1



PIP PICTURE

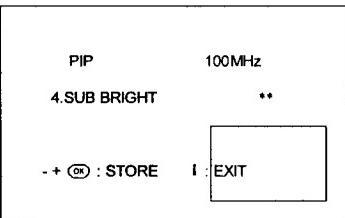


Fig. 2

Item	Measuring instrument	Test point	Adjustment part	Description
Adjustment of PIP WHITE BALANCE II	Signal Generator Remote control unit		1. MAIN BRIGHT 2. MAIN R-Y 3. MAIN B-Y	<p>9. Select 1.MAIN BRIGHT with Function UP / DOWN key. 10. TWIN PICTURE will be displayed (Fig. 1) 11. Adjust the bright of RIGHT picture so that it falls within the same bright of the LEFT picture. 12. Select 2.MAIN R-Y, 3.MAIN B-Y. 13. Adjust the low light of RIGHT picture so that it falls within the same low light of the LEFT picture.</p>

TWIN PICTURE

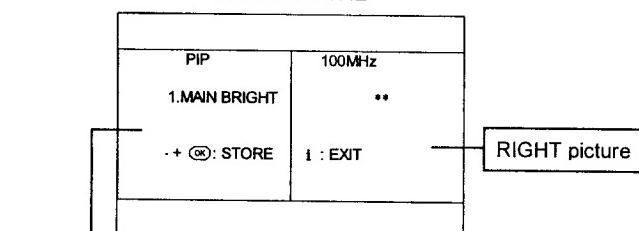


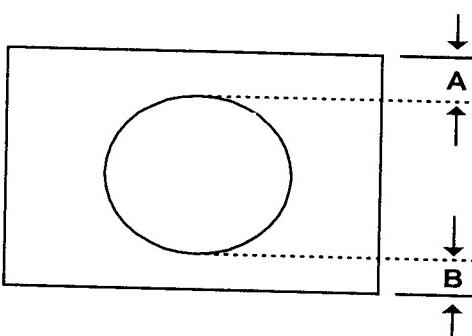
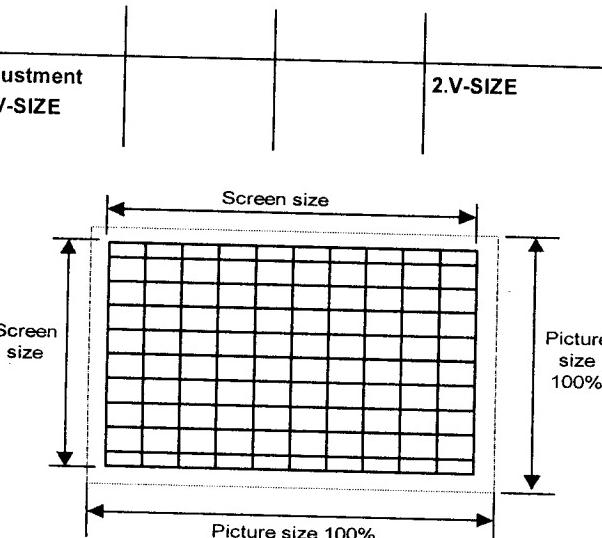
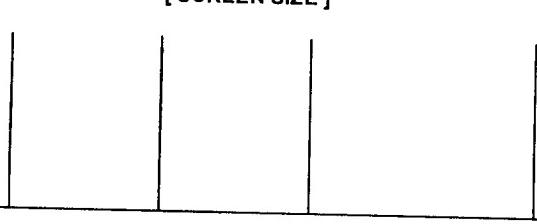
Fig. 1

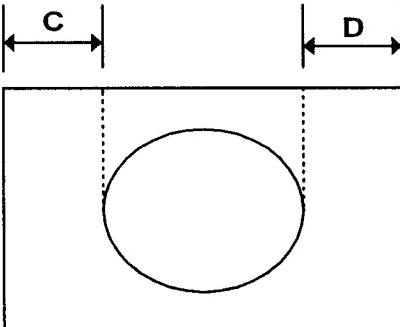
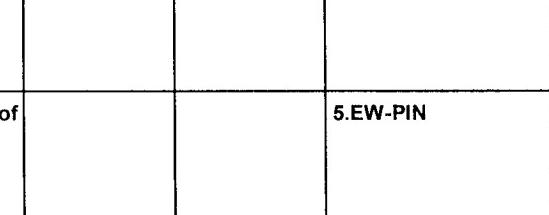
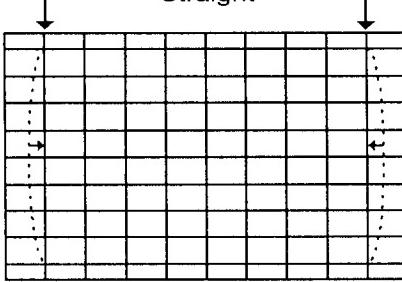
DEFLECTION CIRCUIT ADJUSTMENT

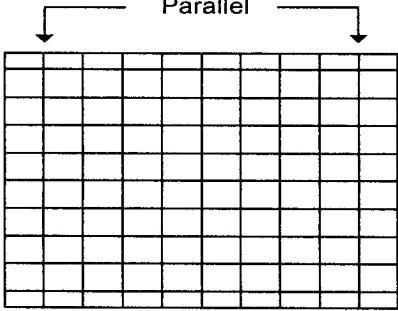
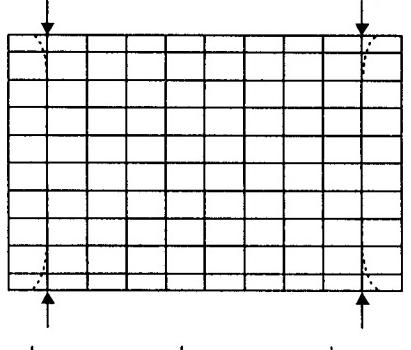
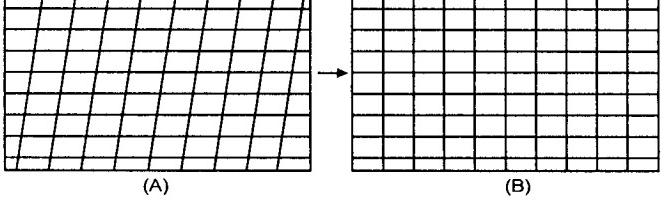
There are 2 modes of the adjustment (1) 100Hz mode (①FULL ②PANORAMIC, ③16:9 ZOOM SUBTITLE), (2) 120Hz mode (each aspect mode) depending upon the kind of signals (vertical frequency 100Hz / 120Hz).

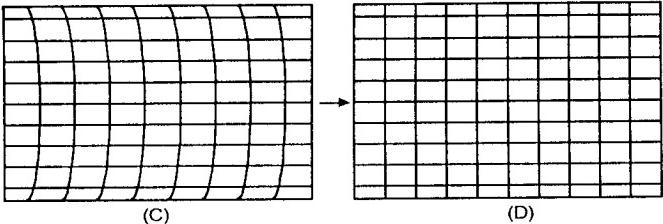
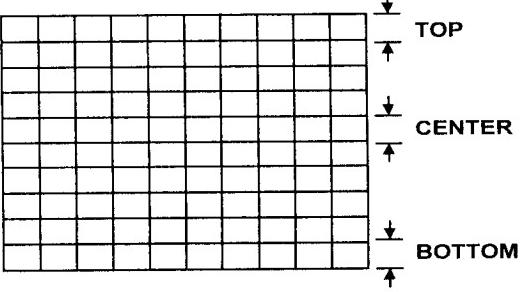
- When the 100Hz FULL mode has been established, the setting of other modes will be done automatically. However, if the picture quality has not been optimized, adjust each mode again, respectively.
- The adjustment using the remote control unit is made on the basis of the initial setting values.
- The setting values which adjust the screen to the optimum condition can be different from the initial setting values. Regular and Zoom switching is conducted not by the Deflection circuit, but by the 100 Hz PWB. Therefore, the deflection system cannot be adjusted in these modes.

Setting item	Adjustment name	Initial setting value					
		FULL		PANORAMIC		16 : 9 ZOOM SUBTITLE	
		100Hz	120Hz	100Hz	120Hz	100Hz	120Hz
1.V-SHIFT	Vertical center	+1	-1	-2	0	-5	-1
2.V-SIZE	Vertical height	0	-1	+2	0	+2	0
3.H-CENT	Horizontal center	-3	-2	+1	0	0	0
4.H-SIZE	Horizontal width	-11	-2	0	0	0	0
5.EW-PIN	Side pin correction	+22	0	+4	+3	+3	+2
6.TRAPEZ	Trapezoidal distortion correction	+6	0	+1	+1	+1	0
7.COR-UP	Corner upper	+2	+1	+1	-3	+2	0
8.COR LO	Corner lower	-6	0	-7	-4	-7	-3
9.ANGLE	Angle correction	0 (Fixed)	0 (Fixed)	0 (Fixed)	0 (Fixed)	0 (Fixed)	0 (Fixed)
10.BOW	Bow-shaped distortion correction	0 (Fixed)	0 (Fixed)	0 (Fixed)	0 (Fixed)	0 (Fixed)	0 (Fixed)
11.V-S.CR	Vertical heigh correction	+9 (Fixed)	0 (Fixed)	+10 (Fixed)	0 (Fixed)	+11 (Fixed)	0 (Fixed)
12.V-LIN	Vertical Linearity	-6 (Fixed)	+2 (Fixed)	-20 (Fixed)	0 (Fixed)	-30 (Fixed)	0 (Fixed)

Item	Measuring instrument	Test point	Adjustment part	Description												
Adjustment of V-SHIFT	Signal generator Remote control unit		1.V-SHIFT	<p>[FULL mode]</p> <ol style="list-style-type: none"> 1. Receive a circle pattern signal of vertical frequency 50Hz. 2. Select 4.DEF from the SERVICE MENU. 3. Select 1.V-SHIFT with the FUNCTION UP/DOWN key. 4. Adjust V-SHIFT to make A = B. 5. Press the MENU key and memorize the set value. 												
Adjustment of V-SIZE			2.V-SIZE	<ol style="list-style-type: none"> 6. Receive a cross-hatch signal. 7. Select 2.V-SIZE and set the initial setting value. 8. Adjust V-SIZE and make sure that the vertical screen size of the picture size is in the bellow table. 9. Press the MENU key and memorize the set value. 10. Input a NTSC VIDEO signal (60Hz) from the EXT terminal, and make sure that the vertical screen size is in the table below. 11. Press the MENU key and memorize the set value.  <table border="1"> <thead> <tr> <th>ASPECT MODE</th> <th>FULL</th> <th>PANORAMIC</th> <th>16:9 ZOOM SUB TITLE</th> </tr> </thead> <tbody> <tr> <td>SCREEN TOP</td> <td>92%</td> <td>87%</td> <td>70%</td> </tr> <tr> <td>SCREEN BOTTOM</td> <td>92%</td> <td>87%</td> <td>83%</td> </tr> </tbody> </table> <p>[SCREEN SIZE]</p> 	ASPECT MODE	FULL	PANORAMIC	16:9 ZOOM SUB TITLE	SCREEN TOP	92%	87%	70%	SCREEN BOTTOM	92%	87%	83%
ASPECT MODE	FULL	PANORAMIC	16:9 ZOOM SUB TITLE													
SCREEN TOP	92%	87%	70%													
SCREEN BOTTOM	92%	87%	83%													

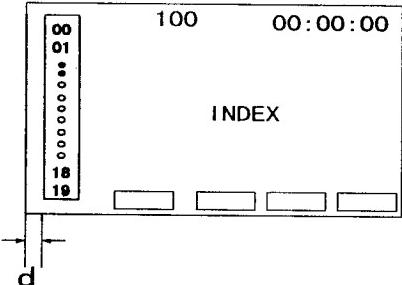
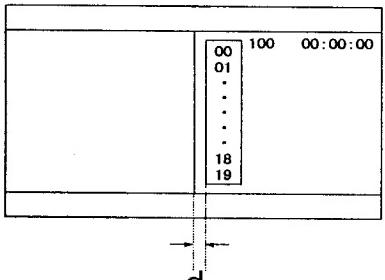
Item	Measuring instrument	Test point	Adjustment part	Description								
Adjustment of H.CENTER	Signal generator Remote control unit		3.H-CENT.	<p>12. Receive a circle pattern signal. 13. Select 4.H-CENT and set the initial setting value. 14. Adjust H-CENT to make C=D. 15. Press the MENU key and memorize the set value.</p> 								
Adjustment of H.SIZE			4.H-SIZE	<p>16. Receive a cross-hatch signal. 17. Select 4.H-SIZE and set the initial setting value. 18. Adjust H-SIZE and make sure that the horizontal screen size of the picture size is in the bellow table. 19. Press the MENU key and memorize the set value. 20. Input a NTSC VIDEO signal (60Hz) from the EXT terminal, and make sure that the horizontal screen size is in the table below. 21. Press the MENU key and memorize the set value.</p> <table border="1" data-bbox="87 1094 803 1197"> <tr> <th>ASPECT MODE</th><th>FULL</th><th>PANORAMIC</th><th>16:9 ZOOM SUBTITLE</th></tr> <tr> <td>H SIZE</td><td>92%</td><td>95%</td><td>92%</td></tr> </table> <p>[SCREEN SIZE]</p> 	ASPECT MODE	FULL	PANORAMIC	16:9 ZOOM SUBTITLE	H SIZE	92%	95%	92%
ASPECT MODE	FULL	PANORAMIC	16:9 ZOOM SUBTITLE									
H SIZE	92%	95%	92%									
Adjustment of EW-PIN			5.EW-PIN	<p>22. Select 5.EW-PIN and set the initial setting value 23. Adjust EW-PIN and make the 2nd.vertical lines at the left and right edges of the screen straight. Also make sure that the 3rd vertical lines are straight. 24. Press the MENU key and memorize the set value.</p> 								

Item	Measuring instrument	Test point	Adjustment part	Description
Adjustment of TRAPEZ	Signal generator Remote control unit		6.TRAPEZ	<p>25. Receive a cross-hatch signal.</p> <p>26. Select 6.TRAPEZ with the FUNCTION UP/DOWN key.</p> <p>27. Set the initial setting value of TRAPEZ with the FUNCTION - or + key.</p> <p>28. Adjust TRAPEZ and bring the VERTICAL lines at the right and left edges of the screen parallel .</p> <p>29. Press the MENU key and memorize the set value.</p> 
Adjustment of CORNER UP/ LOW	Signal generator Remote control unit		7.COR-UP 8.COR-LO	<p>30. Select 8.COR-LO with the FUNCTION UP / DOWN key.</p> <p>31. Set the initial setting value of COR-LO with the FUNCTION - or + key.</p> <p>32. Adjust COR-LO, and bring the straight line at the low corner.</p> <p>33. Select 7.COR-UP with the FUNCTION UP / DOWN key.</p> <p>34. Set the initial setting value of COR-UP with the FUNCTION - or + key.</p> <p>35. Adjust COR-UP, and bring the straight line at the upper corner.</p> <p>36. Press the MENU key and memorize the set value.</p> 
Adjustment of ANGLE	Signal generator Remote control unit		9.ANGLE	<ul style="list-style-type: none"> In case where there is a parallelogrammatical distortion of images on the screen. (Fig. A) <p>37. Select 9.ANGLE with the FUNCTION UP / DOWN key.</p> <p>38. Adjust ANGLE, and bring the VERTICAL lines straight.</p> <p>39. Press the MENU key and memorize the set value.</p> 

Item	Measuring instrument	Test point	Adjustment part	Description
Adjustment of BOW	Signal generator Remote control unit		10.BOW	<ul style="list-style-type: none"> In case where there is a bow-shaped distortion of images on the screen. (Fig.C) <p>40. Select 10.BOW with the FUNCTION UP/DOWN key. 41. Adjust BOW, and bring the VERTICAL lines straight. 42. Press the MENU key and memorize the set value.</p> 
Adjustment of V-S.CR & V.LINE			11.V-S.CR 12.V.LIN.	<ul style="list-style-type: none"> When the vertical linearity has been deteriorated remarkably, perform the following steps. <p>43. Receive a cross-hatch signal. 44. Select 12. V.LIN with the FUNCTION UP / DOWN key. 45. Set the initial setting value of 12. V.LIN with the FUNCTION -/+ key. 46. Select 11. V-S.CR. with the FUNCTION UP / DOWN key. 47. Set the initial setting value of 11. V-S.CR. with the FUNCTION -/+ key. 48. Adjust 12. V.LIN and 11. V-S.CR. so that the spaces of each line on TOP, CENTER, and BOTTOM become uniform.</p> <p>NOTE : Do not adjust "PANORAMIC" & "16:9 ZOOM SUBTITLE" mode.</p> 
				At first the adjustment in 100Hz-FULL mode should be done, then the data for the other aspect mode is corrected in the respective value at the same time. And confirm the deflection adjustment initial setting value in 120Hz (NTSC EXT mode) FULL mode. If the adjustment in 100Hz each aspect mode has been done and stored, the data for the same aspect modes in 120Hz is corrected in the respective value. Only the data for the other aspect mode in 120Hz is corrected for itself.

TEXT CIRCUIT ADJUSTMENT

Setting item	Variable rang	Initial setting Value
1. TEXT MONO H	00H ~ FFH	0DH
2. TEXT MIX H	00H ~ FFH	00H

Item	Measuring instrument	Test point	Adjustment part	Description				
Adjustment of TEXT MONO HORIZONTAL POSITION			1.TEXT MONO H	<ul style="list-style-type: none"> Under normal conditions, no adjustment is required. Select 8.OSD / TEXT from SERVICE MENU. Select 1.TEXT MONO H with the FUNCTION UP/DOWN key. Push text key to get a picture of "TEXT-MONO H". Push "SUBPAGE" key. It gets a picture as shown left. Adjust the value of the distance "d" as shown left with the FUNCTION -/+ key. Push "SUBPAGE" key to check adjustment every adjust. Press the MENU Key, and memorize the set values.  <table border="1"> <tr> <td>MODEL</td> <td>d</td> </tr> <tr> <td>ALL MODELS</td> <td>5~20mm</td> </tr> </table>	MODEL	d	ALL MODELS	5~20mm
MODEL	d							
ALL MODELS	5~20mm							
Adjustment of TEXT MIX HORIZONTAL POSITION			2.TEXT MIX H	<ol style="list-style-type: none"> Select 8.OSD / TEXT from SERVICE MENU. Select 2.TEXT MIX H with the FUNCTION UP / DOWN key. Press the TEXT key to gets a screen of TEXT MODE. Press the "SUBPAGE" key . It gets a picture as shown left. Adjust the value of the distance "d" as shown left table with the FUNCTION – or + key. Press the MENU key, and memorize the set values.  <table border="1"> <tr> <td>MODEL</td> <td>d</td> </tr> <tr> <td>ALL MODELS</td> <td>3~10mm</td> </tr> </table>	MODEL	d	ALL MODELS	3~10mm
MODEL	d							
ALL MODELS	3~10mm							

AUDIO CIRCUIT ADJUSTMENT**3. AUDIO**

Setting item	Variable range	fixed value
1. CONC LIMIT(<i>Do not adjust</i>)	00H~FFH	0AH
2. A2 ID THR(<i>Do not adjust</i>)	00H~FFH	19H

REPLACEMENT OF CHIP COMPONENT

■ CAUTIONS

1. Avoid heating for more than 3 seconds.
2. Do not rub the electrodes and the resist parts of the pattern.
3. When removing a chip part, melt the solder adequately.
4. Do not reuse a chip part after removing it.

■ SOLDERING IRON

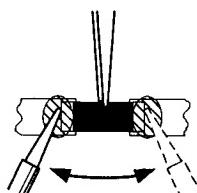
1. Use a high insulation soldering iron with a thin pointed end of it.
2. A 30w soldering iron is recommended for easily removing parts.

■ REPLACEMENT STEPS

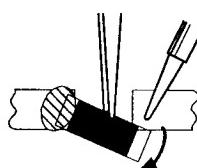
1. How to remove Chip parts

◆ Resistors, capacitors, etc

- (1) As shown in the figure, push the part with tweezers and alternately melt the solder at each end.



- (2) Shift with tweezers and remove the chip part.

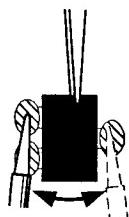


◆ Transistors, diodes, variable resistors, etc

- (1) Apply extra solder to each lead.



- (2) As shown in the figure, push the part with tweezers and alternately melt the solder at each lead. Shift and remove the chip part.

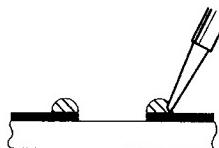


Note : After removing the part, remove remaining solder from the pattern.

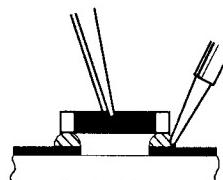
2. How to install Chip parts

◆ Resistors, capacitors, etc

- (1) Apply solder to the pattern as indicated in the figure.



- (2) Grasp the chip part with tweezers and place it on the solder. Then heat and melt the solder at both ends of the chip part.

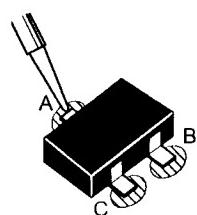


◆ Transistors, diodes, variable resistors, etc

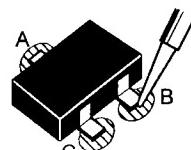
- (1) Apply solder to the pattern as indicated in the figure.

- (2) Grasp the chip part with tweezers and place it on the solder.

- (3) First solder lead A as indicated in the figure.



- (4) Then solder leads B and C.



PARTS LIST

CAUTION

- The parts identified by the  symbol are important for the safety. Whenever replacing these parts, be sure to use specified ones to secure the safety.
- The parts not indicated in this Parts List and those which are filled with lines — in the Parts No. columns will not be supplied.
- P. W. Board Ass'y will not be supplied, but those which are filled with the Parts No. in the Parts No. columns will be supplied.

ABBREVIATIONS OF RESISTORS, CAPACITORS AND TOLERANCES

RESISTORS		CAPACITORS	
C R	Carbon Resistor	C CAP.	Ceramic Capacitor
F R	Fusible Resistor	E CAP.	Electrolytic Capacitor
P R	Plate Resistor	M CAP.	Mylar Capacitor
V R	Variable Resistor	HV CAP.	High Voltage Capacitor
H V R	High Voltage Resistor	MF CAP.	Metalized Film Capacitor
MF R	Metal Film Resistor	MM CAP.	Metalized Mylar Capacitor
MG R	Metal Glazed Resistor	MP CAP.	Metalized Polystyrol Capacitor
MP R	Metal Plate Resistor	PP CAP.	Polypropylene Capacitor
OM R	Metal Oxide Film Resistor	PS CAP.	Polystyrol Capacitor
CMF R	Coating Metal Film Resistor	TF CAP.	Thin Film Capacitor
UNF R	Non-Flammable Resistor	MPP CAP.	Metalized Polypropylene Capacitor
CH V R	Chip Variable Resistor	TAN. CAP.	Tantalum Capacitor
CH MG R	Chip Metal Glazed Resistor	CH C CAP.	Chip Ceramic Capacitor
COMP. R	Composition Resistor	BP E CAP.	Bi-Polar Electrolytic Capacitor
LPTC R	Linear Positive Temperature Coefficient Resistor	CH AL E CAP.	Chip Aluminum Electrolytic Capacitor
		CH AL BP CAP.	Chip Aluminum Bi-Polar Capacitor
		CH TAN. E CAP.	Chip Tantalum Electrolytic Capacitor
		CH AL BP E CAP.	Chip Tantalum Bi-Polar Electrolytic Capacitor

TOLERANCES

F	G	J	K	M	N	R	H	Z	P
±1%	±2%	±5%	±10%	±20%	±30%	+30% -10%	+50% -10%	+80% -20%	+100% -0%

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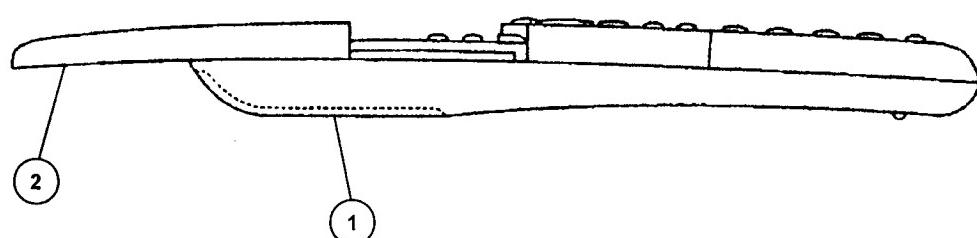
USING PW BOARD & REMOTE CONTROL UNIT

PWB ASS'Y	Model	AV-32WFP1EU	AV-32WFP1EK
MAIN PWB	SMD-1001A-U2	SMD-1901A-U2	
POWER / DEF PWB	SMD-2001A-U2		←
P & P PWB	SMD0P001A-U2	SMD0P901A-U2	
DOLBY PWB	SMD0D001A-U2		←
IF PWB	SMD0F001A-U2	SMD0F902A-U2	
SUB MICON & AUTO PANORAMA PWB	SMD0W001A-U2		←
100Hz PWB	SMD0Z001A-U2		←
CRT SOCKET PWB	SMD-3001A-U2		←
AUDIO PWB	SMD-6001A-U2		←
FRONT CONTROL PWB	SMD-8001A-U2		←
AV TERMINAL PWB	SMD0J001A-U2		←
REMOTE CONTROL UNIT	RM-C787-1E	RM-C786-1E	

REMOTE CONTROL UNIT PARTS LIST

[AV-32WFP1EU : RM-C787-1E / AV-32WFP1EK : RM-C786-1E]

△ Ref. No.	Part No.	Part Name	Description	Local
RM-C787-1E				
1	BGV110202A	BATTERY COVER		
2	BGV110312A	SLIDE COVER		
RM-C786-1E				
1	BGV110202A	BATTERY COVER		
2	BGV110311A	SLIDE COVER		



AV-32WFP1EU

EXPLODED VIEW PARTS LIST

Ref. No.	Part No.	Part Name	Description	Local
△ V01	W76LPX955X01	PICTURE TUBE/ITC	Inc.DY,PC,WED	
△ L01	QQW0037-001	DEG COIL		
△ L03	QQW0040-001	ROTATION COIL		
△ T2551	QHQ0053-002-I2	FBT	(SERVICE)	
△ 1	LC10378-001B-U	REAR COVER		*
2	GBSA4016N	TAPPING SCREW	(×13)For REAR COVER	*
△ 3	LC20380-001A-U	RATING LABEL	For ENG/GER/FRA	*
△ 4	LC20379-001A-U	RATING LABEL	For ENG/GER/ITA	*
5	CM12923-A01-E	CHASSIS BASE		*
6	LC10381-001A-U	AV BOARD		*
7	SBSB3012M	TAPPING SCREW	(×9)For AV BOARD	*
8	LC10380-001B-U	CONTROL BASE L		*
9	LC10380-002A-U	CONTROL BASE R		*
10	CHGY0017-0A-YS	ANTENNA CABLE	(×2)	*
11	CHFD125-14BD	FFC WIRE		*
△ 12	AEEMPO01-185	POWER CORD		*
△ 13	CM46618-A01-E	POWER CORD CLAMP		*
14	WJY0007-001A	E-BRAIDED ASSY		*
15	QNZ0407-001	ANODE WIRE ASSY		*
16	CEBSF10P-05KJ6	SPEAKER	(×2)SP01,SP02	*
17	QAS0030-001	SPEAKER	SP03	*
18	CEBSF02K-01KJ6	SPEAKER	(×2)SP04,SP05	*
19	2528MXSP-2SE	DOME SPK BOX	(×2)	*
20	LC30820-001A	SP SPACER	(×4)	
21	LC40506-001A	TAPPING SCREW	(×4)For HORN ADAPTER	
22	CM12921-001-E	DOME ADAPTER	(×2)	*
23	CM12922-A01-E	DOME BOX	(×2)	*
24	LC10379-001A-U	HORN ADAPTER	(×2)	*
25	GBSA4016N	TAPPING SCREW	(×8)For SPEAKER	*
26	CHGS0033-0B	SPEAKER WIRE	(×2)	*
27	GBSA4020N	TAPPING SCREW	(×4)For DOME SPEAKER	*
28	QQR0491-001	FILTER		
29	LC40226-001A	SPACER	(×4)	
30	GBSA4016N	TAPPING SCREW	(×20)For DOME BOX	
31	CE42112-002	PALJ CONNECTOR		
100	LC10376-001B-U	F.CABINET ASSY	Inc.No.101~108	*
101	CM48229-00A	DOOR LATCH		*
102	CM35235-003-H	SPRING		*
103	LC30579-001A-U	REMOCON WINDOW		*
104	LC30580-001A-U	LED LENS		*
105	LC30597-002A-U	CONTROL SHEET		*
106	LC40354-001B-C	JVC MARK		*
107	LC20265-002A-U	DOOR		*
108	LC30578-002A-U	POWER KNOB		*

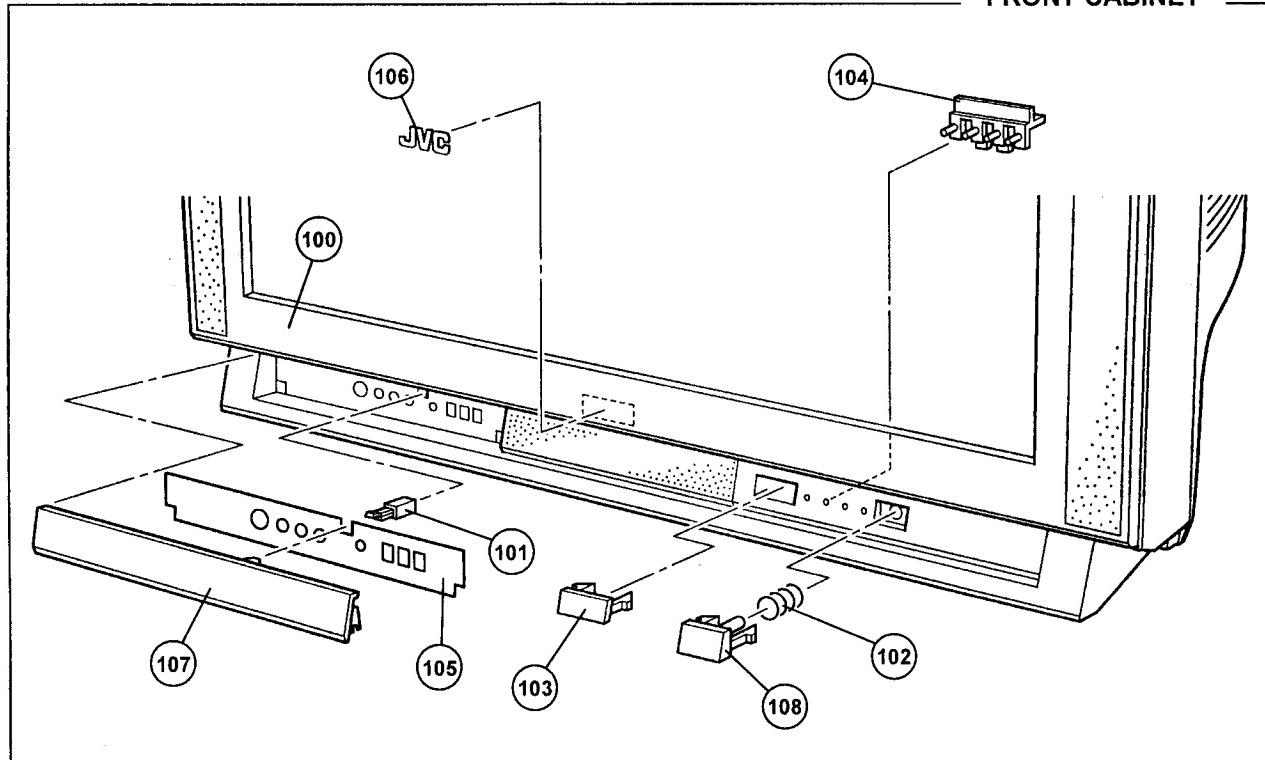
AV-32WFP1EK**EXPLODED VIEW PARTS LIST**

△ Ref.No.	Part No.	Part Name	Description	Local
△ V01	W76LPX955X01	PICTURE TUBE/ITC	Inc.DY,PC,WED	
△ L01	QQW0037-001	DEG COIL		
△ L03	QQW0040-001	ROTATION COIL		
△ T2551	QHQ0053-002-I2	FBT	(SERVICE)	
△ 1	LC10378-001B-U	REAR COVER		*
2	GBSA4016N	TAPPING SCREW	(×13)For REAR COVER	*
△ 3	LC20091-002A-U	RATING LABEL		*
5	CM12923-A01-E	CHASSIS BASE		*
6	LC10381-001A-U	AV BOARD		*
7	SB5B3012M	TAPPING SCREW	(×9)For AV BOARD	*
8	LC10380-001B-U	CONTROL BASE L		*
9	LC10380-002A-U	CONTROL BASE R		*
10	CHGY0017-0A-YS	ANTENNA CABLE	(×2)	*
11	CHFD125-14BD	FFC WIRE		*
△ 12	AEEMP003-185A	POWER CORD		*
△ 13	CM46618-A01-E	POWER CORD CLAMP		*
14	WJY0007-001A	E-BRAIDED ASSY		*
15	QNZ0407-001	ANODE WIRE ASSY		*
16	CEBSF10P-05KJ6	SPEAKER	(×2)SP01,SP02	*
17	QAS0030-001	SPEAKER	SP03	*
18	CEBSF02K-01KJ6	SPEAKER	(×2)SP04,SP05	*
19	2528MXSP-2SE	DOME SPK BOX	(×2)	*
20	LC30820-001A	SP SPACER	(×4)	*
21	LC40506-001A	TAPPING SCREW	(×4)For HORN ADAPTER	
22	CM12921-001-E	DOME ADAPTER	(×2)	*
23	CM12922-A01-E	DOME BOX	(×2)	*
24	LC10379-001A-U	HORN ADAPTER	(×2)	*
25	GBSA4016N	TAPPING SCREW	(×8)For SPEAKER	*
26	CHGS0033-0B	SPEAKER WIRE	(×2)	*
27	GBSA4020N	TAPPING SCREW	(×4)For DOME SPEAKER	*
28	QQR0491-001	FILTER		
29	LC40226-001A	SPACER	(×4)	
30	GBSA4016N	TAPPING SCREW	(×20)For DOME BOX	
31	CE42112-002	PALJ CONNECTOR		
100	LC10376-001B-U	F.CABINET ASSY	Inc.No.101~108	*
101	CM48229-00A	DOOR LATCH		*
102	CM35235-003-H	SPRING		*
103	LC30579-001A-U	REMOCON WINDOW		*
104	LC30580-001A-U	LED LENS		*
105	LC30597-002A-U	CONTROL SHEET		*
106	LC40354-001B-C	JVC MARK		*
107	LC20265-002A-U	DOOR		*
108	LC30578-002A-U	POWER KNOB		*

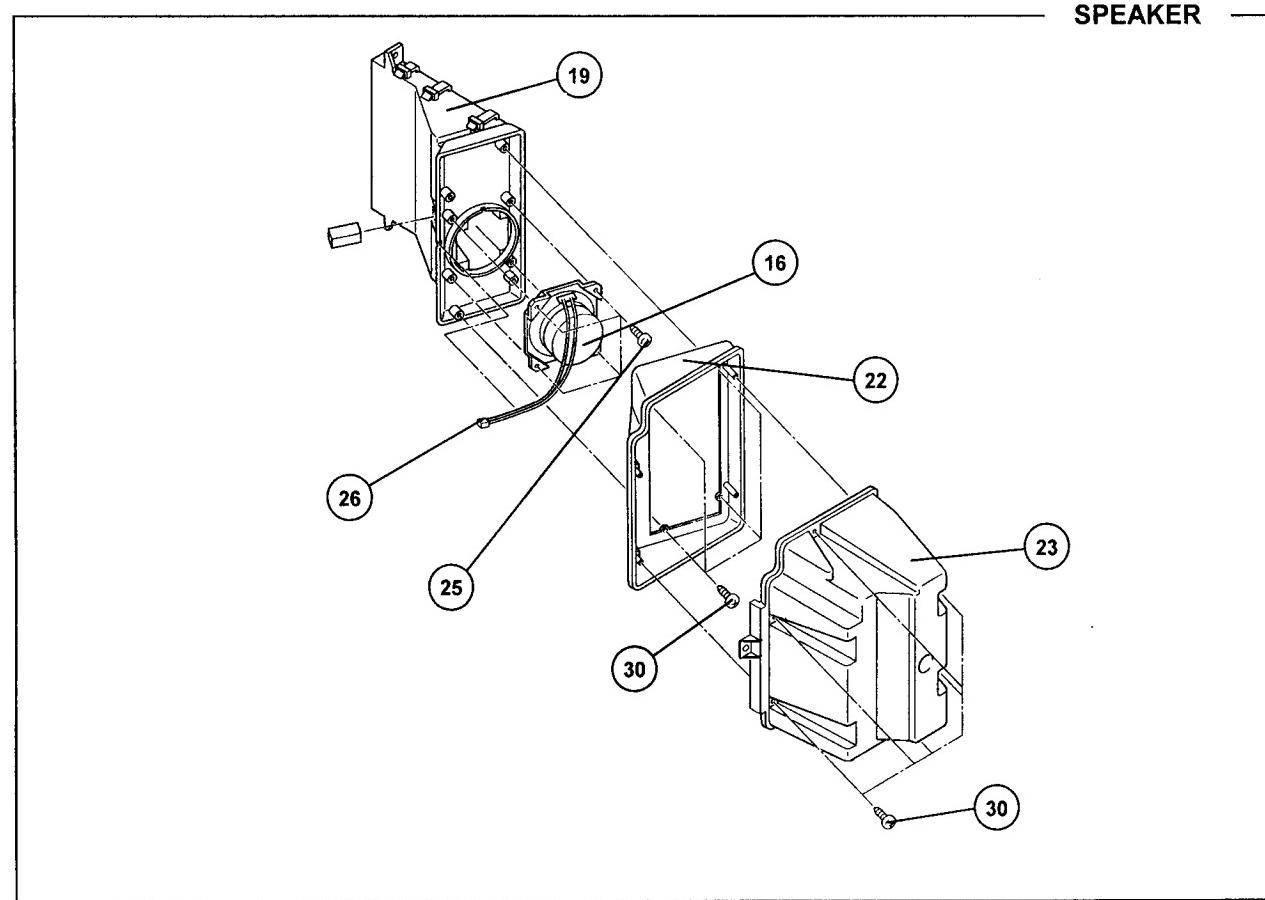
AV-32WFP1EU / AV-32WFP1EK

EXPLODED VIEW I

FRONT CABINET

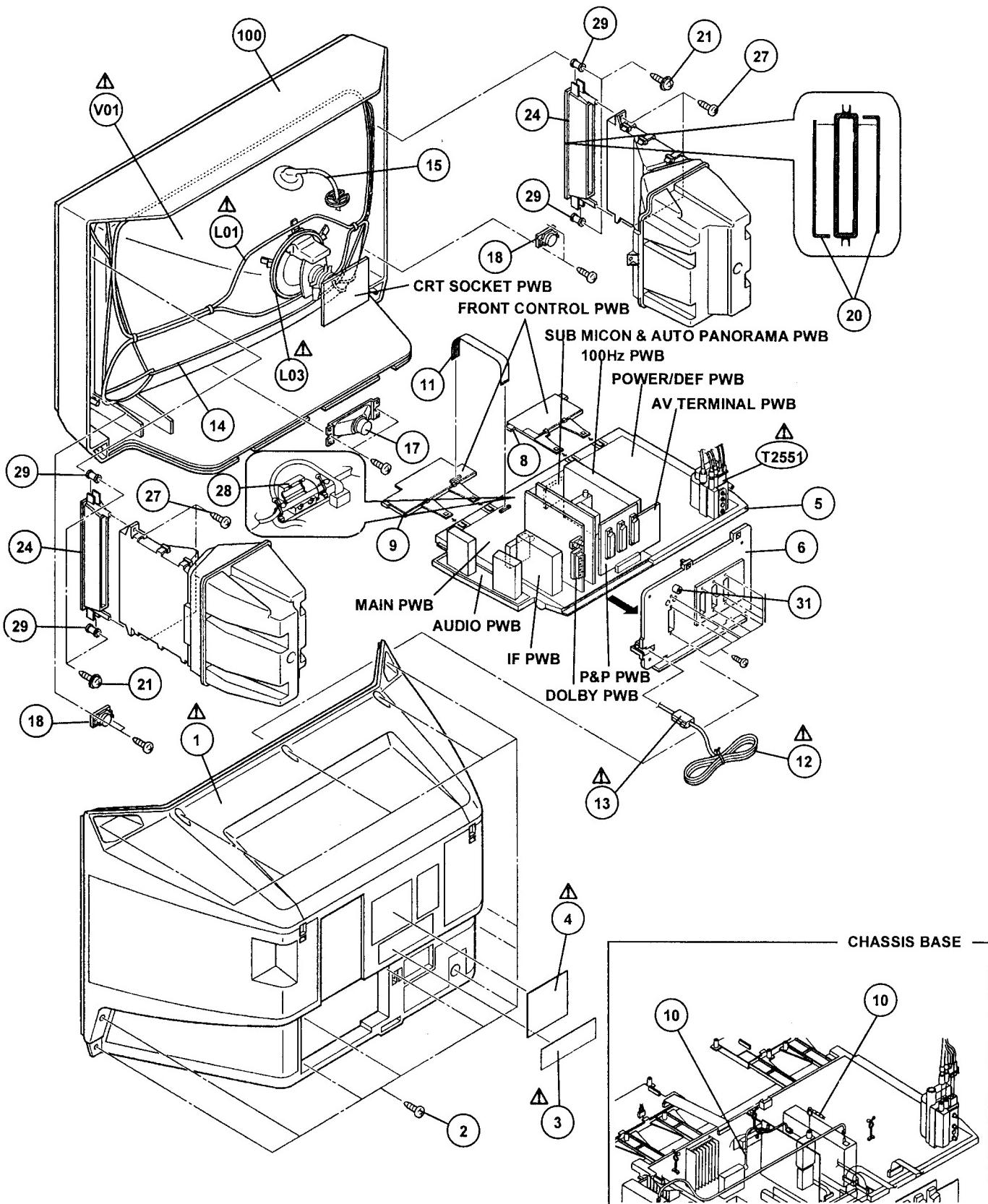


SPEAKER



AV-32WFP1EU / AV-32WFP1EK

EXPLODED VIEW II



AV-32WFP1EU

PRINTED WIRING BOARD PARTS LIST

MAIN PW BOARD ASS'Y (SMD-1001A-U2)

△ Symbol No.	Part No.	Part Name	Description	Local	△ Symbol No.	Part No.	Part Name	Description	Local
RESISTOR									
R1002	NRSA02J-103X	MG R	10kΩ 1/10W	J *	R1217	NRSA02J-222X	MG R	2.2kΩ 1/10W	J *
R1003-06	NRSA02J-102X	MG R	1kΩ 1/10W	J *	R1218	NRSA02J-333X	MG R	33kΩ 1/10W	J *
R1101-03	NRSA02J-102X	MG R	1kΩ 1/10W	J *	R1219	NRSA02J-823X	MG R	82kΩ 1/10W	J *
R1104	NRSA02J-681X	MG R	680Ω 1/10W	J *	R1220	NRSA02J-0R0X	MG R	0.0Ω 1/10W	J *
R1105	NRSA02J-392X	MG R	3.9kΩ 1/10W	J *	R1221	NRSA02J-391X	MG R	390Ω 1/10W	J *
R1107	NRSA02J-391X	MG R	390Ω 1/10W	J *	R1222	NRSA02J-823X	MG R	82kΩ 1/10W	J *
R1108	NRSA02J-102X	MG R	1kΩ 1/10W	J *	R1223	NRSA02J-0R0X	MG R	0.0Ω 1/10W	J *
R1109	NRSA02J-103X	MG R	10kΩ 1/10W	J *	R1224	NRSA02J-391X	MG R	390Ω 1/10W	J *
R1110	NRSA02J-472X	MG R	4.7kΩ 1/10W	J *	R1225-26	NRSA02J-223X	MG R	22kΩ 1/10W	J *
R1111	NRSA02J-821X	MG R	820Ω 1/10W	J *	R1227	NRSA02J-104X	MG R	100kΩ 1/10W	J *
R1112	NRSA02J-101X	MG R	100Ω 1/10W	J *	R1228	NRSA02J-680X	MG R	68Ω 1/10W	J *
R1113	NRSA02J-102X	MG R	1kΩ 1/10W	J *	R1229	QRK126J-181X	C R	180Ω 1/2W	J *
R1121-22	NRSA02J-0R0X	MG R	0.0Ω 1/10W	J *	R1231	QRG01GJ-101	OM R	100Ω 1W	J *
R1123	NRSA02J-152X	MG R	1.5kΩ 1/10W	J *	R1232	NRSA02J-101X	MG R	100Ω 1/10W	J *
R1124	NRSA02J-821X	MG R	820Ω 1/10W	J *	R1233	NRSA02J-222X	MG R	2.2kΩ 1/10W	J *
R1125-27	NRSA02J-103X	MG R	10kΩ 1/10W	J *	R1242	NRSA02J-223X	MG R	22kΩ 1/10W	J *
R1128	NRSA02J-153X	MG R	15kΩ 1/10W	J *	R1243	NRSA02J-473X	MG R	47kΩ 1/10W	J *
R1131-33	NRSA02J-102X	MG R	1kΩ 1/10W	J *	R1244	NRSA02J-683X	MG R	68kΩ 1/10W	J *
R1134	NRSA02J-681X	MG R	680Ω 1/10W	J *	R1245	NRSA02J-153X	MG R	15kΩ 1/10W	J *
R1135	NRSA02J-561X	MG R	560Ω 1/10W	J *	R1246	NRSA02J-103X	MG R	10kΩ 1/10W	J *
R1136	NRSA02J-681X	MG R	680Ω 1/10W	J *	R1247	NRSA02J-473X	MG R	47kΩ 1/10W	J *
R1137	NRSA02J-102X	MG R	1kΩ 1/10W	J *	R1248	NRSA02J-273X	MG R	27kΩ 1/10W	J *
R1138	NRSA02J-391X	MG R	390Ω 1/10W	J *	R1249	NRSA02J-103X	MG R	10kΩ 1/10W	J *
R1140	NRSA02J-103X	MG R	10kΩ 1/10W	J *	R1250	NRSA02J-222X	MG R	2.2kΩ 1/10W	J *
R1141	NRSA02J-472X	MG R	4.7kΩ 1/10W	J *	R1251	NRSA02J-333X	MG R	33kΩ 1/10W	J *
R1142	NRSA02J-821X	MG R	820Ω 1/10W	J *	R1252	NRSA02J-222X	MG R	2.2kΩ 1/10W	J *
R1151	NRSA02J-222X	MG R	2.2kΩ 1/10W	J *	R1253	NRSA02J-333X	MG R	33kΩ 1/10W	J *
R1152-53	NRSA02J-102X	MG R	1kΩ 1/10W	J *	R1254	NRSA02J-823X	MG R	82kΩ 1/10W	J *
R1154	NRSA02J-681X	MG R	680Ω 1/10W	J *	R1255	NRSA02J-0R0X	MG R	0.0Ω 1/10W	J *
R1155	NRSA02J-561X	MG R	560Ω 1/10W	J *	R1256	NRSA02J-391X	MG R	390Ω 1/10W	J *
R1156	NRSA02J-681X	MG R	680Ω 1/10W	J *	R1257	NRSA02J-823X	MG R	82kΩ 1/10W	J *
R1157	NRSA02J-102X	MG R	1kΩ 1/10W	J *	R1258	NRSA02J-0R0X	MG R	0.0Ω 1/10W	J *
R1158	NRSA02J-391X	MG R	390Ω 1/10W	J *	R1259	NRSA02J-391X	MG R	390Ω 1/10W	J *
R1160	NRSA02J-103X	MG R	10kΩ 1/10W	J *	R1260-61	NRSA02J-223X	MG R	22kΩ 1/10W	J *
R1161	NRSA02J-472X	MG R	4.7kΩ 1/10W	J *	R1262	NRSA02J-104X	MG R	100kΩ 1/10W	J *
R1162	NRSA02J-821X	MG R	820Ω 1/10W	J *	R1263	NRSA02J-222X	MG R	2.2kΩ 1/10W	J *
R1171	NRSA02J-103X	MG R	10kΩ 1/10W	J *	R1264	NRSA02J-333X	MG R	33kΩ 1/10W	J *
R1172	NRSA02J-562X	MG R	5.6kΩ 1/10W	J *	R1265	NRSA02J-222X	MG R	2.2kΩ 1/10W	J *
R1173	NRSA02J-221X	MG R	220Ω 1/10W	J *	R1266	NRSA02J-333X	MG R	33kΩ 1/10W	J *
R1174	NRSA02J-272X	MG R	2.7kΩ 1/10W	J *	R1267-69	NRSA02J-750X	MG R	75Ω 1/10W	J *
R1175	NRSA02J-102X	MG R	1kΩ 1/10W	J *	R1277-79	NRSA02J-750X	MG R	75Ω 1/10W	J *
R1176	NRSA02J-392X	MG R	3.9kΩ 1/10W	J *	R1280	NRSA02J-223X	MG R	22kΩ 1/10W	J *
R1177	NRSA02J-472X	MG R	4.7kΩ 1/10W	J *	R1281	NRSA02J-473X	MG R	47kΩ 1/10W	J *
R1178	NRSA02J-0R0X	MG R	0.0Ω 1/10W	J *	R1282	NRSA02J-683X	MG R	68kΩ 1/10W	J *
R1179	NRSA02J-272X	MG R	2.7kΩ 1/10W	J *	R1283	NRSA02J-153X	MG R	15kΩ 1/10W	J *
R1201-02	NRSA02J-103X	MG R	10kΩ 1/10W	J *	R1284	NRSA02J-103X	MG R	10kΩ 1/10W	J *
R1203	NRSA02J-750X	MG R	75Ω 1/10W	J *	R1285	NRSA02J-473X	MG R	47kΩ 1/10W	J *
R1204	QRK126J-151X	C R	150Ω 1/2W	J	R1286	NRSA02J-273X	MG R	27kΩ 1/10W	J *
R1205	NRSA02J-101X	MG R	100Ω 1/10W	J *	R1287	NRSA02J-103X	MG R	10kΩ 1/10W	J *
R1206	QRG01GJ-101	OM R	100Ω 1W	J *	R1288	NRSA02J-222X	MG R	2.2kΩ 1/10W	J *
R1207	NRSA02J-223X	MG R	22kΩ 1/10W	J *	R1289	NRSA02J-333X	MG R	33kΩ 1/10W	J *
R1208	NRSA02J-473X	MG R	47kΩ 1/10W	J *	R1290	NRSA02J-222X	MG R	2.2kΩ 1/10W	J *
R1209	NRSA02J-683X	MG R	68kΩ 1/10W	J *	R1291	NRSA02J-333X	MG R	33kΩ 1/10W	J *
R1210	NRSA02J-153X	MG R	15kΩ 1/10W	J *	R1292	NRSA02J-471X	MG R	47kΩ 1/10W	J *
R1211	NRSA02J-103X	MG R	10kΩ 1/10W	J *	R1301	NRSA02J-221X	MG R	220Ω 1/10W	J *
R1212	NRSA02J-473X	MG R	47kΩ 1/10W	J *	R1302	NRSA02J-471X	MG R	47kΩ 1/10W	J *
R1213	NRSA02J-273X	MG R	27kΩ 1/10W	J *	R1303	NRSA02J-221X	MG R	220Ω 1/10W	J *
R1214	NRSA02J-103X	MG R	10kΩ 1/10W	J *	R1304	NRSA02J-471X	MG R	47kΩ 1/10W	J *
R1215	NRSA02J-222X	MG R	2.2kΩ 1/10W	J *	R1305	NRSA02J-221X	MG R	220Ω 1/10W	J *
R1216	NRSA02J-333X	MG R	33kΩ 1/10W	J *	R1306	NRSA02J-271X	MG R	270Ω 1/10W	J *

△	Symbol No.	Part No.	Part Name	Description	Local
RESISTOR					
R1307	NRSA02J-221X	MG R	220Ω 1/10W	J	*
R1308	NRSA02J-471X	MG R	470Ω 1/10W	J	*
R1309	NRSA02J-221X	MG R	220Ω 1/10W	J	*
R1310	NRSA02J-471X	MG R	470Ω 1/10W	J	*
R1311	NRSA02J-221X	MG R	220Ω 1/10W	J	*
R1312	NRSA02J-771X	MG R	270Ω 1/10W	J	*
R1313	NRSA02J-221X	MG R	220Ω 1/10W	J	*
R1314-15	NRSA02J-471X	MG R	470Ω 1/10W	J	*
R1316	NRSA02J-152X	MG R	1.5kΩ 1/10W	J	*
R1317-18	NRSA02J-101X	MG R	100Ω 1/10W	J	*
R1319	NRSA02J-152X	MG R	1.5kΩ 1/10W	J	*
R1320	NRSA02J-221X	MG R	220Ω 1/10W	J	*
R1321	NRSA02J-102X	MG R	1kΩ 1/10W	J	*
R1323-24	NRSA02J-562X	MG R	5.6kΩ 1/10W	J	*
R1326-29	NRSA02J-152X	MG R	1.5kΩ 1/10W	J	*
R1330	NRSA02J-103X	MG R	10kΩ 1/10W	J	*
R1331	NRSA02J-221X	MG R	220Ω 1/10W	J	*
R1332-33	NRSA02J-471X	MG R	470Ω 1/10W	J	*
R1334-35	NRSA02J-152X	MG R	1.5kΩ 1/10W	J	*
R1336	NRSA02J-101X	MG R	100Ω 1/10W	J	*
R1337	NRSA02J-103X	MG R	10kΩ 1/10W	J	*
R1338-40	NRSA02J-101X	MG R	100Ω 1/10W	J	*
R1341	NRSA02J-183X	MG R	18kΩ 1/10W	J	*
R1342	NRSA02J-823X	MG R	82kΩ 1/10W	J	*
R1343-44	NRSA02J-101X	MG R	100Ω 1/10W	J	*
R1345-46	NRSA02J-103X	MG R	10kΩ 1/10W	J	*
R1347	NRSA02J-562X	MG R	5.6kΩ 1/10W	J	*
R1348	NRSA02J-471X	MG R	470Ω 1/10W	J	*
R1349	NRSA02J-152X	MG R	1.5kΩ 1/10W	J	*
R1350	NRSA02J-271X	MG R	270Ω 1/10W	J	*
R1351	NRSA02J-222X	MG R	2.2kΩ 1/10W	J	*
R1372	NRSA02J-274X	MG R	270kΩ 1/10W	J	*
R1381	NRSA02J-102X	MG R	1kΩ 1/10W	J	*
R1382	NRSA02J-152X	MG R	1.5kΩ 1/10W	J	*
R1383	NRSA02J-822X	MG R	8.2kΩ 1/10W	J	*
R1384	NRSA02J-683X	MG R	68kΩ 1/10W	J	*
R1385	NRSA02J-273X	MG R	27kΩ 1/10W	J	*
R1386	NRSA02J-102X	MG R	1kΩ 1/10W	J	*
R1387	NRSA02J-683X	MG R	68kΩ 1/10W	J	*
R1388	NRSA02J-273X	MG R	27kΩ 1/10W	J	*
R1389	NRSA02J-102X	MG R	1kΩ 1/10W	J	*
R1390	NRSA02J-683X	MG R	68kΩ 1/10W	J	*
R1391	NRSA02J-273X	MG R	27kΩ 1/10W	J	*
R1392	NRSA02J-102X	MG R	1kΩ 1/10W	J	*
R1395-97	NRSA02J-0R0X	MG R	0.01Ω 1/10W	J	*
R1398	NRSA02J-101X	MG R	100Ω 1/10W	J	*
R1401-02	NRSA02J-682X	MG R	6.8kΩ 1/10W	J	*
R1403	NRSA02J-222X	MG R	2.2kΩ 1/10W	J	*
R1404	QRX01GJ-1R0	MF R	1.0Ω 1W	J	*
R1405	QLQ029J-221	OM R	220Ω 2W	J	*
R1406	NRSA02J-222X	MG R	2.2kΩ 1/10W	J	*
R1407-08	QRX01GJ-1R5	MF R	1.5Ω 1W	J	*
R1409-10	NRSA02J-103X	MG R	10kΩ 1/10W	J	*
R1461	NRSA02J-272X	MG R	2.7kΩ 1/10W	J	*
R1462	NRSA02J-563X	MG R	5.6kΩ 1/10W	J	*
R1463	NRSA02J-104X	MG R	100kΩ 1/10W	J	*
R1464	NRSA02J-123X	MG R	12kΩ 1/10W	J	*
R1501	NRSA02J-332X	MG R	3.3kΩ 1/10W	J	*
R1551	NRSA02J-100X	MG R	10Ω 1/10W	J	*
R1552	NRSA02J-124X	MG R	120kΩ 1/10W	J	*
R1553	NRSA02J-683X	MG R	68kΩ 1/10W	J	*
R1554	NRSA02J-562X	MG R	5.6kΩ 1/10W	J	*
R1555	NRSA02J-333X	MG R	33kΩ 1/10W	J	*
R1556	NRSA02J-472X	MG R	4.7kΩ 1/10W	J	*
R1557	NRSA02J-562X	MG R	5.6kΩ 1/10W	J	*
R1558	NRSA02J-104X	MG R	100kΩ 1/10W	J	*
R1574	NRSA02J-0R0X	MG R	0.0Ω 1/10W	J	*

△	Symbol No.	Part No.	Part Name	Description	Local
RESISTOR					
R1559	NRSA02J-154X	MG R	150kΩ 1/10W	J	*
R1560	NRSA02J-100X	MG R	10Ω 1/10W	J	*
R1561	QRN143J-0R0X	C R	0.0Ω 1/4W	J	*
R1571	NRSA02J-100X	MG R	10Ω 1/10W	J	*
R1572	NRSA02J-124X	MG R	120kΩ 1/10W	J	*
R1573	NRSA02J-683X	MG R	68kΩ 1/10W	J	*
R1575	NRSA02J-563X	MG R	5.6kΩ 1/10W	J	*
R1576	NRSA02J-472X	MG R	4.7kΩ 1/10W	J	*
R1577	NRSA02J-562X	MG R	5.6kΩ 1/10W	J	*
R1578	NRSA02J-104X	MG R	100kΩ 1/10W	J	*
R1579	NRSA02J-154X	MG R	150kΩ 1/10W	J	*
R1580	NRSA02J-100X	MG R	10Ω 1/10W	J	*
R1581	QRN143J-0R0X	C R	0.0Ω 1/4W	J	*
R1582	NRSA02J-103X	MG R	10kΩ 1/10W	J	*
R1583	QRK126J-681X	C R	680Ω 1/2W	J	*
R1584	NRSA02J-183X	MG R	18kΩ 1/10W	J	*
R1585	NRSA02J-104X	MG R	100kΩ 1/10W	J	*
R1601	NRSA02J-103X	MG R	10kΩ 1/10W	J	*
R1602	NRSA02J-104X	MG R	100kΩ 1/10W	J	*
R1610	NRSA02J-471X	MG R	470Ω 1/10W	J	*
R1611	NRSA02J-0R0X	MG R	0.0Ω 1/10W	J	*
R1612	NRSA02J-561X	MG R	560Ω 1/10W	J	*
R1613-14	NRSA02J-123X	MG R	12kΩ 1/10W	J	*
R1615	NRSA02J-681X	MG R	680Ω 1/10W	J	*
R1616	NRSA02J-102X	MG R	1kΩ 1/10W	J	*
R1617-18	NRSA02J-682X	MG R	6.8kΩ 1/10W	J	*
R1619	NRSA02J-223X	MG R	22kΩ 1/10W	J	*
R1620	NRSA02J-223X	MG R	22kΩ 1/10W	J	*
R1658-60	QRN143J-2R2X	C R	2.2Ω 1/4W	J	*
R1661	NRSA02J-561X	MG R	560Ω 1/10W	J	*
R1662-64	NRSA02J-223X	MG R	22kΩ 1/10W	J	*
R1665	NRSA02J-104X	MG R	100kΩ 1/10W	J	*
R1666	NRSA02J-682X	MG R	6.8kΩ 1/10W	J	*
R1667	NRSA02J-104X	MG R	100kΩ 1/10W	J	*
R1668	NRSA02J-0R0X	MG R	0.0Ω 1/10W	J	*
R1669	NRSA02J-473X	MG R	47kΩ 1/10W	J	*
R1670	NRSA02J-0R0X	MG R	0.0Ω 1/10W	J	*
R1671	NRSA02J-273X	MG R	27kΩ 1/10W	J	*
R1672	NRSA02J-122X	MG R	1.2kΩ 1/10W	J	*
R1673	NRSA02J-103X	MG R	10kΩ 1/10W	J	*
R1674	NRSA02J-563X	MG R	56kΩ 1/10W	J	*
R1675	NRSA02J-103X	MG R	10kΩ 1/10W	J	*
R1676	NRSA02J-273X	MG R	27kΩ 1/10W	J	*
R1677	NRSA02J-103X	MG R	10kΩ 1/10W	J	*
R1678	NRSA02J-563X	MG R	56kΩ 1/10W	J	*
R1679	NRSA02J-103X	MG R	10kΩ 1/10W	J	*
R1680	NRSA02J-273X	MG R	27kΩ 1/10W	J	*
R1682	NRSA02J-103X	MG R	10kΩ 1/10W	J	*
R1683	NRSA02J-562X	MG R	5.6kΩ 1/10W	J	*
R1684	NRSA02J-473X	MG R	47kΩ 1/10W	J	*
R1689-90	NRSA02J-103X	MG R	10kΩ 1/10W	J	*
R1691-92	NRSA02J-123X	MG R	12kΩ 1/10W	J	*
R1693-94	NRSA02J-103X	MG R	10kΩ 1/10W	J	*
R1700	NRSA02J-0R0X	MG R	0.0Ω 1/10W	J	*
R1701	NRSA02J-104X	MG R	100kΩ 1/10W	J	*
R1702	NRSA02J-823X	MG R	82kΩ 1/10W	J	*
R1703-06	NRSA02J-102X	MG R	1kΩ 1/10W	J	*
R1707	NRSA02J-103X	MG R	10kΩ 1/10W	J	*
R1708	NRSA02J-102X	MG R	1kΩ 1/10W	J	*
R1709	NRSA02J-103X	MG R	10kΩ 1/10W	J	*
R1710	NRSA02J-821X	MG R	820Ω 1/10W	J	*
R1711	NRSA02J-102X	MG R	1kΩ 1/10W	J	*
R1713-14	NRSA02J-103X	MG R	10kΩ 1/10W	J	*
R1716	NRSA02J-103X	MG R	10kΩ 1/10W	J	*
R1718	NRSA02J-102X	MG R	1kΩ 1/10W	J	*
R1719	NRSA02J-101X	MG R	100Ω 1/10W	J	*
R1720	NRSA02J-102X	MG R	1kΩ 1/10W	J	*

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Δ	Symbol No.	Part No.	Part Name	Description	Local
RESISTOR					
R1721-23	NRSA02J-472X	MG R	4.7kΩ 1/10W	J *	
R1724-26	NRSA02J-821X	MG R	820Ω 1/10W	J *	
R1727	NRSA02J-153X	MG R	15kΩ 1/10W	J *	
R1728	NRSA02J-103X	MG R	10kΩ 1/10W	J *	
R1729	NRSA02J-683X	MG R	68kΩ 1/10W	J *	
R1730	NRSA02J-223X	MG R	22kΩ 1/10W	J *	
R1731	NRSA02J-562X	MG R	5.6kΩ 1/10W	J *	
R1732	NRSA02J-103X	MG R	10kΩ 1/10W	J *	
R1733	NRSA02J-222X	MG R	2.2kΩ 1/10W	J *	
R1734	NRSA02J-103X	MG R	10kΩ 1/10W	J *	
R1735-36	NRSA02J-682X	MG R	6.8kΩ 1/10W	J *	
R1738	NRSA02J-183X	MG R	18kΩ 1/10W	J *	
R1739	NRSA02J-331X	MG R	330Ω 1/10W	J *	
R1740-42	NRSA02J-103X	MG R	10kΩ 1/10W	J *	
R1743	NRSA02J-222X	MG R	2.2kΩ 1/10W	J *	
R1744-46	NRSA02J-103X	MG R	10kΩ 1/10W	J *	
R1747	NRSA02J-102X	MG R	1kΩ 1/10W	J *	
R1748	NRSA02J-103X	MG R	10kΩ 1/10W	J *	
R1751-52	NRSA02J-103X	MG R	10kΩ 1/10W	J *	
R1753	NRSA02J-472X	MG R	4.7kΩ 1/10W	J *	
R1754	NRSA02J-103X	MG R	10kΩ 1/10W	J *	
R1755	NRSA02J-472X	MG R	4.7kΩ 1/10W	J *	
R1756-57	NRSA02J-103X	MG R	10kΩ 1/10W	J *	
R1758-59	NRSA02J-221X	MG R	220Ω 1/10W	J *	
R1760	NRSA02J-102X	MG R	1kΩ 1/10W	J *	
R1761-65	NRSA02J-221X	MG R	220Ω 1/10W	J *	
R1766	NRSA02J-103X	MG R	10kΩ 1/10W	J *	
R1767	NRSA02J-104X	MG R	100kΩ 1/10W	J *	
R1768	NRSA02J-823X	MG R	82kΩ 1/10W	J *	
R1770	NRSA02J-103X	MG R	10kΩ 1/10W	J *	
R1771	NRSA02J-392X	MG R	3.9kΩ 1/10W	J *	
R1772-74	NRSA02J-103X	MG R	10kΩ 1/10W	J *	
R1775-76	NRSA02J-563X	MG R	56kΩ 1/10W	J *	
R1777	NRSA02J-223X	MG R	22kΩ 1/10W	J *	
R1778	NRSA02J-103X	MG R	10kΩ 1/10W	J *	
R1779	NRSA02J-333X	MG R	33kΩ 1/10W	J *	
R1780	NRSA02J-104X	MG R	100kΩ 1/10W	J *	
R1782	NRSA02J-OR0X	MG R	0.0Ω 1/10W	J *	
R1784-86	NRSA02J-333X	MG R	33kΩ 1/10W	J *	
R1787	NRSA02J-103X	MG R	10kΩ 1/10W	J *	
R1788	NRSA02J-123X	MG R	12kΩ 1/10W	J *	
R1789	NRSA02J-OR0X	MG R	0.0Ω 1/10W	J *	
R1791	NRSA02J-103X	MG R	10kΩ 1/10W	J *	
R1793	NRSA02J-102X	MG R	1kΩ 1/10W	J *	
R1794	NRSA02J-152X	MG R	1.5kΩ 1/10W	J *	
R1795	NRSA02J-102X	MG R	1kΩ 1/10W	J *	
R1796	NRSA02J-103X	MG R	10kΩ 1/10W	J *	
R1797	NRSA02J-102X	MG R	1kΩ 1/10W	J *	
R1820	NRSA02J-332X	MG R	3.3kΩ 1/10W	J *	
R1880-82	NRSA02J-102X	MG R	1kΩ 1/10W	J *	
R1883	NRSA02J-473X	MG R	47kΩ 1/10W	J *	
R1884-86	NRSA02J-103X	MG R	10kΩ 1/10W	J *	
R1888-89	NRSA02J-103X	MG R	10kΩ 1/10W	J *	
R1890	NRSA02J-221X	MG R	220Ω 1/10W	J *	
R1891	NRSA02J-273X	MG R	27kΩ 1/10W	J *	
R1892-96	NRSA02J-221X	MG R	220Ω 1/10W	J *	
R1897	QRG029J-220	OM R	22 Ω 2W	J *	
R1901	NRSA02J-101X	MG R	100Ω 1/10W	J *	
R1902	NRSA02J-223X	MG R	22kΩ 1/10W	J *	
R1903	NRSA02J-472X	MG R	4.7kΩ 1/10W	J *	
R1904	NRSA02J-223X	MG R	22kΩ 1/10W	J *	
R1905	NRSA02J-102X	MG R	1kΩ 1/10W	J *	

Δ	Symbol No.	Part No.	Part Name	Description	Local
CAPACITOR					
C1001	NCB21HK-104X	CHIP CAP.	0.1μF 50V K	*	
C1002	QETN1HM-107Z	E CAP.	100μF 50V M	*	
C1003	NCB21HK-104X	CHIP CAP.	0.1μF 50V K	*	
C1004	QETN1CM-107Z	E CAP.	100μF 16V M	*	
C1005	NCB21HK-104X	CHIP CAP.	0.1μF 50V K	*	
C1006	QETN1CM-227Z	E CAP.	220μF 16V M	*	
C1007	NCB21HK-222X	C CAP.	2200pF 50V K	*	
C1008	QETN1HM-106Z	E CAP.	10μF 50V M	*	
C1101-02	QETN1CM-107Z	E CAP.	100μF 16V M	*	
C1104	QETN1CM-476Z	E CAP.	47μF 16V M	*	
C1105	QENC1HM-474Z	BP E CAP.	0.47μF 50V M	*	
C1106	QETN1HM-106Z	E CAP.	10μF 50V M	*	
C1107	QETN1AM-227Z	E CAP.	220μF 10V M	*	
C1121-22	NCB21HK-103X	C CAP.	0.01μF 50V K	*	
C1123	QETN1CM-476Z	E CAP.	47μF 16V M	*	
C1124-25	NCB21HK-103X	C CAP.	0.01μF 50V K	*	
C1128	QETN1HM-107Z	E CAP.	100μF 16V M	*	
C1129	QETN1CM-476Z	E CAP.	47μF 16V M	*	
C1130	NCB21HK-103X	C CAP.	0.01μF 50V K	*	
C1131	QETN1CM-476Z	E CAP.	47μF 16V M	*	
C1132	NCB21HK-103X	C CAP.	0.01μF 50V K	*	
C1134	NCB21HK-103X	C CAP.	0.01μF 50V K	*	
C1135	NDC21HJ-181X	C CAP.	180pF 50V J	*	
C1136-39	NCB21HK-103X	C CAP.	0.01μF 50V K	*	
C1140	QETN1CM-476Z	E CAP.	47μF 16V M	*	
C1141	NCB21HK-103X	C CAP.	0.01μF 50V K	*	
C1151	QETN1AM-227Z	E CAP.	220μF 10V M	*	
C1152	NCB21HK-103X	C CAP.	0.01μF 50V K	*	
C1153	QETN1AM-107Z	E CAP.	100μF 10V M	*	
C1154	NDC21HJ-121X	C CAP.	120pF 50V J	*	
C1155	QETN1CM-476Z	E CAP.	47μF 16V M	*	
C1161	QETN1CM-476Z	E CAP.	47μF 16V M	*	
C1163	QETN1HM-107Z	E CAP.	47μF 16V M	*	
C1171	NDC21HJ-221X	C CAP.	220pF 50V J	*	
C1172	NDC21HJ-560X	C CAP.	56pF 50V J	*	
C1173	NDC21HJ-221X	C CAP.	220pF 50V J	*	
C1174	NDC21HJ-121X	C CAP.	120pF 50V J	*	
C1192	QETN1CM-227Z	E CAP.	220μF 16V M	*	
C1193	NCB21HK-103X	C CAP.	0.01μF 50V K	*	
C1201	QETN1CM-227Z	E CAP.	220μF 16V M	*	
C1202	NCB21HK-102X	C CAP.	1000pF 50V K	*	
C1203-04	QETN1HM-105Z	E CAP.	1μF 50V M	*	
C1205-06	QETN1HM-106Z	E CAP.	10pF 50V M	*	
C1207	QETN1CM-227Z	E CAP.	220μF 16V M	*	
C1211	NCB21HK-102X	C CAP.	1000pF 50V K	*	
C1212-13	QETN1HM-105Z	E CAP.	1μF 50V M	*	
C1214-15	QETN1HM-106Z	E CAP.	10μF 50V M	*	
C1216-17	QETN1HM-105Z	E CAP.	1μF 50V M	*	
C1218-19	QETN1CM-476Z	E CAP.	47μF 16V M	*	
C1220	QETN1HM-105Z	E CAP.	1μF 50V M	*	
C1221-22	QETN1CM-107Z	E CAP.	100μF 16V M	*	
C1223-24	QETN1HM-105Z	E CAP.	1μF 50V M	*	
C1231-33	QETN1CM-476Z	E CAP.	47μF 16V M	*	
C1234	NCB21HK-102X	C CAP.	1000pF 50V K	*	
C1301	QETN1CM-227Z	E CAP.	220μF 16V M	*	
C1302	NCB21HK-104X	CHIP CAP.	0.1μF 50V K	*	
C1303	QETN1CM-476Z	E CAP.	47μF 16V M	*	
C1304	QENC1CM-476Z	BP E CAP.	47μF 16V M	*	
C1305	QETN1HM-226Z	E CAP.	22μF 50V M	*	
C1306	NCB21HK-223X	C CAP.	0.022μF 50V K	*	
C1307-08	QENC1HM-105Z	BP E CAP.	1μF 50V M	*	
C1309	NDC21HJ-390X	C CAP.	39pF 50V J	*	
C1311-13	NCB21HK-104X	CHIP CAP.	0.1μF 50V K	*	
C1314	NCB21HK-222X	C CAP.	2200pF 50V K	*	
C1315	NCB21CK-474X	C CAP.	0.47μF 16V K	*	
C1316	NCB21HK-104X	CHIP CAP.	0.1μF 50V K	*	
C1317	NCB21EK-154X	C CAP.	0.15μF 25V K	*	
C1318	NCB21HK-104X	CHIP CAP.	0.1μF 50V K	*	
C1319	NCB21HK-332X	C CAP.	3300pF 50V K	*	

△	Symbol No.	Part No.	Part Name	Description	Local	△	Symbol No.	Part No.	Part Name	Description	Local								
CAPACITOR																			
C1320	NCB21HK-104X	CHIP CAP.	0.1μF	50V	K	*	C1674	NDC21HJ-100X	C CAP.	10pF	50V	J	*						
C1321-22	NDC21HJ-150X	C CAP.	15pF	50V	J	*	C1675	QETN1HM-105Z	E CAP.	1μF	50V	M	*						
C1323	NCB21HK-104X	CHIP CAP.	0.1μF	50V	K	*	C1679	QETN1HM-106Z	E CAP.	10μF	50V	M	*						
C1325-26	NCB21HK-104X	CHIP CAP.	0.1μF	50V	K	*	C1680-81	NDC21HJ-221X	C CAP.	220pF	50V	J	*						
C1327	QETN1CM-227Z	E CAP.	220pF	16V	M	*	C1682	QETN1CM-227Z	E CAP.	220pF	16V	M	*						
C1328-32	NCB21HK-104X	CHIP CAP.	0.1μF	50V	K	*	C1701	NDC21HJ-471X	C CAP.	470pF	50V	J	*						
C1341	QENC1HM-105Z	BP E CAP.	1μF	50V	M	*	C1702	NCB21HK-682X	C CAP.	6800pF	50V	K	*						
C1342-44	NDC21HJ-220X	C CAP.	22pF	50V	J	*	C1703	NCB21HK-104X	CHIP CAP.	0.1μF	50V	K	*						
C1345	NDC21HJ-121X	C CAP.	120pF	50V	J	*	C1704	QETN1AM-107Z	E CAP.	100μF	10V	M	*						
C1362	NDC21HJ-330X	C CAP.	33pF	50V	J	*	C1705-06	NDC21HJ-2R0X	C CAP.	2.0pF	50V	J	*						
C1363-65	QETN1HM-106Z	E CAP.	10μF	50V	M	*	C1707	NCB21HK-104X	CHIP CAP.	0.1μF	50V	K	*						
C1381-84	QETN1CM-476Z	E CAP.	47μF	16V	M	*	C1708	NCB21HK-333X	C CAP.	0.033μF	50V	K	*						
C1387-88	QETN1CH-476Z	E CAP.	47μF	16V	M	*	C1709	NCB21HK-104X	CHIP CAP.	0.1μF	50V	K	*						
C1389-90	QETNOJM-228Z	E CAP.	2200pF	6.3V	M	*	C1710	QETN1HM-476Z	E CAP.	47μF	25V	M	*						
C1392	NDC21HJ-680X	C CAP.	68pF	50V	J	*	C1711	NCB21HK-104X	CHIP CAP.	0.1μF	50V	K	*						
C1396-98	NCB21HK-104X	CHIP CAP.	0.1μF	50V	K	*	C1712	NCB21HK-333X	C CAP.	0.033μF	50V	K	*						
C1403	QFLC2AJ-104Z	M CAP.	0.1μF	100V	J	*	C1713	NCB21HK-104X	CHIP CAP.	0.1μF	50V	K	*						
C1404	NCB21HK-104X	CHIP CAP.	0.1μF	50V	K	*	C1714	QETN1HM-474Z	E CAP.	0.47μF	50V	M	*						
C1405	NDC21HJ-820X	C CAP.	82pF	50V	J	*	C1715	QETN1CM-476Z	E CAP.	47μF	16V	M	*						
C1406	QETM1VM-108	E CAP.	1000pF	35V	M	*	C1717	QETN1HM-106Z	E CAP.	10μF	50V	M	*						
C1408	QETN1VM-337Z	E CAP.	330μF	35V	M	*	C1718	NDC21HJ-471X	C CAP.	470pF	50V	J	*						
C1409-10	QVF71HJ-474Z	MF CAP.	0.47μF	50V	J	*	C1719	NCF21CZ-105X	C CAP.	1μF	16V	Z	*						
C1412	QFLC2AJ-104Z	M CAP.	0.1μF	100V	J	*	C1720	NCB21HK-102X	C CAP.	1000pF	50V	K	*						
C1417-18	QETN1CH-108Z	E CAP.	1000pF	16V	M	*	C1757	NC521HJ-471X	C CAP.	470pF	50V	J	*						
C1419	NCB21HK-682X	C CAP.	6800pF	50V	K	*	C1758	QETN1AM-227Z	E CAP.	220μF	10V	M	*						
C1461	QETN1HM-226Z	E CAP.	22μF	50V	M	*	C1759	NCB21HK-104X	CHIP CAP.	0.1μF	50V	K	*						
C1551-52	NCB21CK-224X	C CAP.	0.22μF	16V	K	*	C1760-61	NDC21HJ-150X	C CAP.	15pF	50V	J	*						
C1553	QETN1EM-476Z	E CAP.	47μF	25V	M	*	C1762	NCB21HK-104X	CHIP CAP.	0.1μF	50V	K	*						
C1554-55	NCB21CK-224X	C CAP.	0.22μF	16V	K	*	C1763	QETN1CM-476Z	E CAP.	47μF	16V	M	*						
C1571-72	NCB21CK-474X	C CAP.	0.47μF	16V	K	*	C1764	NCB21HK-104X	CHIP CAP.	0.1μF	50V	K	*						
C1573	QETN1HM-105Z	E CAP.	1μF	50V	M	*	C1766-68	NCB21HK-104X	CHIP CAP.	0.1μF	50V	K	*						
C1575-76	NCB21CK-474X	C CAP.	0.47μF	16V	K	*	C1769-71	QETN1HM-106Z	E CAP.	10μF	50V	M	*						
C1601-02	QDC31HJ-2R0Z	C CAP.	2.0pF	50V	J	*	C1772	QETN1CM-476Z	E CAP.	47μF	16V	M	*						
C1603-04	NCB21HK-103X	C CAP.	0.01μF	50V	K	*	C1773	QETN1CM-107Z	E CAP.	100μF	16V	M	*						
C1605-06	QETM1HM-106Z	E CAP.	10μF	50V	M	*	C1774	NDC21HJ-151X	C CAP.	150pF	50V	J	*						
C1607-08	NCF21EZ-104X	C CAP.	0.1μF	25V	Z	*	C1780	NCB21HK-104X	CHIP CAP.	0.1μF	50V	K	*						
C1609-12	QETM1HM-105Z	E CAP.	1μF	50V	M	*	C1781	NDC21HJ-101X	C CAP.	100pF	50V	J	*						
C1613-14	NDC21HJ-471X	C CAP.	470pF	50V	J	*	C1782	NCB21HK-102X	C CAP.	1000pF	50V	K	*						
C1615	NCF21EZ-104X	C CAP.	0.1μF	25V	Z	*	C1783	NDC21HJ-151X	C CAP.	150pF	50V	J	*						
C1616-18	QETM1HM-106Z	E CAP.	10μF	50V	M	*	C1784	QETN1CM-227Z	E CAP.	220μF	16V	M	*						
C1619	NCF21EZ-104X	C CAP.	0.1μF	25V	Z	*	C1901	QETN1CM-107Z	E CAP.	100μF	16V	M	*						
C1620	QETN1HM-106Z	E CAP.	10μF	50V	M	*	C1902	QETN1HM-106Z	E CAP.	10μF	50V	M	*						
C1621-24	NCB21HK-102X	C CAP.	1000pF	50V	K	*	TRANSFORMER												
C1625-26	NDC21HJ-391X	C CAP.	390pF	50V	J	*	T1101	CE42697-001	LOWPASS FILTER										
C1627-28	NCB21HK-102X	C CAP.	1000pF	50V	K	*	T1111	CE42697-001	LOWPASS FILTER										
C1629	NCB21HK-103X	C CAP.	0.01μF	50V	K	*	T1121	CE42697-001	LOWPASS FILTER										
C1630	NCF21EZ-104X	C CAP.	0.1μF	25V	Z	*	COIL												
C1631	QETN1CH-107Z	E CAP.	100μF	16V	M	*	L1001-02	QLQ1BK-8R2Z	COIL										
C1632	NCF21EZ-104X	C CAP.	0.1μF	25V	Z	*	L1003	QLQ1BK-221Z	COIL										
C1643	QETN1HM-105Z	E CAP.	1μF	50V	M	*	L1004	QLQ1BK-5R6Z	COIL										
C1644-45	NDC21HJ-470X	C CAP.	47pF	50V	J	*	L1101	QRN143J-OROX	C R										
C1646	NDC21HJ-820X	C CAP.	82pF	50V	J	*	L1102-05	QLQ13BJ-220Z	COIL										
C1647	NCB21HK-472X	C CAP.	4700pF	50V	K	*	L1111	QLQ13BJ-220Z	COIL										
C1648	NCB21HJ-180X	C CAP.	18pF	50V	J	*	L1121	QLQ13BJ-330Z	COIL										
C1651-53	QETN1HM-105Z	E CAP.	1μF	50V	M	*	L1301	QLQ1BK-390Z	COIL										
C1654	QETN1HM-107Z	E CAP.	100μF	50V	M	*	L1302	NQL024J-5R6X	COIL										
C1655	QETN1HM-106Z	E CAP.	10μF	50V	M	*	L1601-02	QRN143J-OROX	C R										
C1656-57	NCF21HZ-224X	C CAP.	0.22μF	50V	Z	*	L1604	QLQ101BJ-180Z	COIL										
C1658	QETM1HM-228	E CAP.	2200pF	50V	M	*	L1605	QLQ101BJ-220Z	COIL										
C1659-62	NCF21HZ-224X	C CAP.	0.22μF	50V	Z	*	L1701	QLQ101BK-4R7Z	COIL										
C1663-65	QETM1VM-108	E CAP.	1000pF	35V	M	*	L1702	QLQ101BK-5R6Z	COIL										
C1667	QETN1CH-227Z	E CAP.	220μF	16V	M	*	L1752	QRN143J-OROX	C R										
C1668-69	QETN1HM-105Z	E CAP.	1μF	50V	M	*	L1753	QLQ101BK-4R7Z	COIL										
C1670	QETN1HM-106Z	E CAP.	10μF	50V	M	*	AV32WFP1EU												
C1671	QETN1CM-476Z	E CAP.	47μF	16V	M	*	AV32WFP1EU												
C1672	NDC21HJ-100X	C CAP.	10pF	50V	J	*	AV32WFP1EU												
C1673	QETN1HM-105Z	E CAP.	1μF	50V	M	*	AV32WFP1EU												

△	Symbol No.	Part No.	Part Name	Description	Local
DIODE					
D1201-11	MA3130/H/-X	ZENER DIODE		*	
D1214-15	MA3130/H/-X	ZENER DIODE		*	
D1402	BYD33D-T3	SI.DIODE		*	
D1403-04	MA3330/L/-X	ZENER DIODE			
D1461	MA111-X	SI.DIODE		*	
D1462	MA3220/M/-X	ZENER DIODE		*	
D1502	MA111-X	SI.DIODE		*	
D1504	MA111-X	SI.DIODE		*	
D1653-55	MA3330/L/-X	ZENER DIODE			
D1658	MA153A-X	SI.DIODE			
D1660	MA111-X	SI.DIODE		*	
D1661	MA153A-X	SI.DIODE			
D1664-65	MA111-X	SI.DIODE		*	
D1666	MA3062/H/-X	ZENER DIODE		*	
D1667-68	MA3150/H/-X	ZENER DIODE		*	
D1701-02	MA111-X	SI.DIODE		*	
D1704	1SS244-T2	SI.DIODE			
D1708	MA111-X	SI.DIODE		*	
D1709	MA3068/H/-X	ZENER DIODE		*	
D1710	MA111-X	SI.DIODE		*	
D1712	MA111-X	SI.DIODE		*	
D1751-53	MA111-X	SI.DIODE		*	
D1754	MA3062/M/-X	ZENER DIODE		*	
D1771-74	MA3056/H/-X	ZENER DIODE		*	
D1901	MA3130/H/-X	ZENER DIODE		*	

△	Symbol No.	Part No.	Part Name	Description	Local
TRANSISTOR					
Q1101-04	2SC2412K/QR/-X	SI.TRANSISTOR		*	
Q1111	2SC2412K/QR/-X	SI.TRANSISTOR		*	
Q1112	2SA1037AK/QR/-X	SI.TRANSISTOR		*	
Q1113-14	2SC2412K/QR/-X	SI.TRANSISTOR		*	
Q1121	2SC2412K/QR/-X	SI.TRANSISTOR		*	
Q1122	2SA1037AK/QR/-X	SI.TRANSISTOR		*	
Q1123-24	2SC2412K/QR/-X	SI.TRANSISTOR		*	
Q1131-32	2SC2412K/QR/-X	SI.TRANSISTOR		*	
Q1201-02	2SC2712/YG/-X	SI.TRANSISTOR		*	
Q1203	2SC1815/YG/-T	SI.TRANSISTOR		*	
Q1204-05	2SC2712/YG/-X	SI.TRANSISTOR		*	
Q1206-07	DTC323TK-X	DIGI.TRANSISTOR		*	
Q1208	2SA1162/YG/-X	SI.TRANSISTOR		*	
Q1209	2SA1015/YG/-T	SI.TRANSISTOR		*	
Q1211	2SA1162/YG/-X	SI.TRANSISTOR		*	
Q1213-14	2SC2712/YG/-X	SI.TRANSISTOR		*	
Q1215-16	DTC323TK-X	DIGI.TRANSISTOR		*	
Q1217	2SA1162/YG/-X	SI.TRANSISTOR		*	
Q1220-21	2SC2712/YG/-X	SI.TRANSISTOR		*	
Q1301	2SA1162/YG/-X	SI.TRANSISTOR		*	
Q1303-04	2SA1162/YG/-X	SI.TRANSISTOR		*	
Q1305	2SC2712/YG/-X	SI.TRANSISTOR		*	
Q1345	DTC124EKA-X	DIGI.TRANSISTOR		*	
Q1346	2SC2712/YG/-X	SI.TRANSISTOR		*	
Q1351	DTC124EKA-X	DIGI.TRANSISTOR		*	
Q1381-83	2SC2712/YG/-X	SI.TRANSISTOR		*	
Q1461-62	2SC2712/YG/-X	SI.TRANSISTOR		*	
Q1571	2SA966/OY/-T	SI.TRANSISTOR		*	
Q1572	2SC2712/YG/-X	SI.TRANSISTOR		*	
Q1601	DTC323TK-X	DIGI.TRANSISTOR		*	
Q1602	2SA1162/YG/-X	SI.TRANSISTOR		*	
Q1603	2SC2712/YG/-X	SI.TRANSISTOR		*	
Q1654-56	DTC323TK-X	DIGI.TRANSISTOR		*	
Q1657	2SC2712/YG/-X	SI.TRANSISTOR		*	
Q1658-60	2SA1162/YG/-X	SI.TRANSISTOR		*	
Q1701-08	2SC2712/YG/-X	SI.TRANSISTOR		*	
Q1709	2SA1162/YG/-X	SI.TRANSISTOR		*	
Q1752	2SA1162/YG/-X	SI.TRANSISTOR		*	
Q1753	DTC124EKA-X	DIGI.TRANSISTOR		*	
IC					
IC1101	TC9090AN	I.C.(DIGI-MOS)			
IC1301	CXA1545AS	I.C.(MONO-ANA)		*	
IC1302	LA7222	I.C.(MONO-ANA)			
IC1303	TOA9143/N3	I.C.(MONO-ANA)		*	
IC1304	TDA4665	I.C.(MONO-ANA)		*	
IC1305	LA7016	I.C.(MONO-ANA)		*	
IC1401	LA7841	I.C.(MONO-ANA)		*	
IC1551	LA6515	I.C.(MONO-ANA)			
IC1571	LA6515	I.C.(MONO-ANA)			
IC1601	MSP3410D-PP-B4	I.C.(DIGI-OTHER)		*	
IC1651	TA8256BH	I.C.(HYBRID)			
IC1652	BA4558F-X	I.C.(MONO-ANA)		*	
IC1701	M37280MK-101SP	I.C.			
IC1702	L78LRO5E-MA	I.C.(MONO-ANA)		*	
IC1703	AT24C1632WFP1	I.C.		(SERVICE)	
IC1754	SDA5275S	I.C.(MICRO-PROC)		*	
IC1755	MSM514400D-60ZS	I.C.(D-RAM)			
IC1756	TC4053BP/N	I.C.(DIGI-MOS)			
OTHERS					
CN1002	CHC108N-2ST-AE	I.C.SOCKET			
CN1008	CHA401B-35P-J	FFC CONNECTOR		*	
K1001	QRN143J-OROX	HQF PLUG			
K1009	QRN143J-OROX	C R	0.0Ω 1/4W J	*	
K1101	CE41433-001Z	C R	0.0Ω 1/4W J	*	
K1401	CE41433-001Z	BEADS CORE		*	
K1701	CE41433-001Z	BEADS CORE		*	
LC1101	CE42142-222Z	EMI FILTER			
LC1601	CE42142-103Z	EMI FILTER		*	
TU1001	CEEK481-A03	TUNER			
W1001-02	NRSA02J-OROX	MG R	0.0Ω 1/10W J	*	
X1311	CE40749-001Z	CRYSTAL		*	
X1312	CE40668-001Z	CRYSTAL		*	
X1601	CE42546-001Z	CRYSTAL		*	
X1701	CST8.00MTW	CER.RESONATOR		*	
X1752	QAX0351-001Z	CRYSTAL		*	
Y1306	NRSA02J-OROX	MG R	0.0Ω 1/10W J	*	
Y1312-13	NRSA02J-OROX	MG R	0.0Ω 1/10W J	*	
Y1314	NRSA02J-682X	MG R	6.8kΩ 1/10W J	*	
Y1315-17	NRSA02J-OROX	MG R	0.0Ω 1/10W J	*	
Y1324-26	NRSA02J-OROX	MG R	0.0Ω 1/10W J	*	
Y1328	NRSA02J-OROX	MG R	0.0Ω 1/10W J	*	
Y1401	NRSA02J-OROX	MG R	0.0Ω 1/10W J	*	
Y1502-05	NRSA02J-OROX	MG R	0.0Ω 1/10W J	*	
Y1651-52	NRSA02J-OROX	MG R	0.0Ω 1/10W J	*	
Y1654	NRSA02J-OROX	MG R	0.0Ω 1/10W J	*	
Y1750-51	NRSA02J-OROX	MG R	0.0Ω 1/10W J	*	

POWER / DEF PW BOARD ASS'Y (SMD-2001A-U2)

△	Symbol No.	Part No.	Part Name	Description	Local
RESISTOR					
	R2451	QRE141J-272Y	C R	2.7kΩ 1/4W	J *
	R2455	QRE141J-102Y	C R	1kΩ 1/4W	J *
	R2456	QRE141J-473Y	C R	47kΩ 1/4W	J *
	R2457	QRE141J-103Y	C R	10kΩ 1/4W	J *
	R2458	QRE141J-273Y	C R	27kΩ 1/4W	J *
	R2459	QRE141J-272Y	C R	2.7kΩ 1/4W	J *
	R2460	QRE141J-473Y	C R	47kΩ 1/4W	J *
	R2461	QRE141J-102Y	C R	1kΩ 1/4W	J *
	R2463	QRG029J-820	OM R	82 Ω 2W	J *
	R2465	QRE141J-103Y	C R	10kΩ 1/4W	J *
	R2501	QRE141J-471Y	C R	470Ω 1/4W	J *
	R2502	QRE141J-123Y	C R	12kΩ 1/4W	J *
	R2503	QRE121J-152Y	C R	1.5kΩ 1/2W	J *
	R2504	ORG039J-272	OM R	2.7kΩ 3W	J
	R2505	QRG039J-332	OM R	3.3kΩ 3W	J
	R2506	QRE121J-5R6Y	C R	5.6Ω 1/2W	J *
	R2507	QRE141J-152Y	C R	1.5kΩ 1/4W	J *
	R2509	QRE141J-563Y	C R	56kΩ 1/4W	J *
	R2510	QRE141J-223Y	C R	22kΩ 1/4W	J *
	R2511	QRE141J-102Y	C R	1kΩ 1/4W	J *
	R2522	QRE121J-471Y	C R	470Ω 1/2W	J *
	R2526	QRE141J-823Y	C R	82kΩ 1/4W	J *
	R2527	QRE141J-183Y	C R	18kΩ 1/4W	J *
	R2528	QRE141J-223Y	C R	22kΩ 1/4W	J *
	R2529	QRE141J-153Y	C R	15kΩ 1/4W	J *
	R2530	QRE141J-223Y	C R	22kΩ 1/4W	J *
	R2531	QRE141J-103Y	C R	10kΩ 1/4W	J *
	R2532-33	QRE141J-151Y	C R	150Ω 1/4W	J *
	R2534	QRE141J-472Y	C R	4.7kΩ 1/4W	J *
△	R2551	QRZ0017-4R7	FUSI.RESISTOR	4.7 Ω 1/4W	J *
△	R2552	QRZ0021-1R0	FUSI.RESISTOR	1 Ω 1W	J *
△	R2553	QRZ0021-1R0	FUSI.RESISTOR	1 Ω 1W	J *
	R2554	QRE141J-182Y	C R	1.8kΩ 1/4W	J *
	R2555	QRE141J-822Y	C R	8.2kΩ 1/4W	J *
	R2557	QRE121J-272Y	C R	2.7kΩ 1/2W	J *
	R2561	QR0056-103Z	COMP.R	10kΩ	
	R2562-66	QRE121J-184Y	C R	180kΩ 1/2W	J *
	R2567	QRE141J-183Y	C R	18kΩ 1/4W	J *
	R2568	QRE141J-103Y	C R	10kΩ 1/4W	J *
	R2569	QRE141J-822Y	C R	8.2kΩ 1/4W	J *
	R2570-71	QRE141J-183Y	C R	18kΩ 1/4W	J *
	R2572	QRE141J-392Y	C R	3.9kΩ 1/4W	J *
	R2573	QRE141J-152Y	C R	1.5kΩ 1/4W	J *
	R2574	QRG029J-220	OM R	22 Ω 2W	J *
	R2575	QRE121J-123Y	C R	12kΩ 1/2W	J *
	R2581	QRF154K-4R7	UNF R	*	
	R2582	QRE141J-681Y	C R	680Ω 1/4W	J *
	R2583	QRE121J-682Y	C R	6.8kΩ 1/2W	J *
	R2584	QRE141J-183Y	C R	18kΩ 1/4W	J *
	R2585	QRE141J-222Y	C R	2.2kΩ 1/4W	J *
	R2586	QRA14CF-7501Y	MF R	7.5kΩ 1/4W	F
	R2587	QRA14CF-2101Y	MF R	2.1kΩ 1/4W	F
	R2588	QRE141J-103Y	C R	10kΩ 1/4W	J *
	R2901	QRF104K-3R9	UNF R	*	
	R2902	QRE121J-331Y	C R	330Ω 1/2W	J *
	R2903-04	QRE121J-474Y	C R	470kΩ 1/2W	J *
	R2905	QRL039J-823	OM R	82kΩ 3W	J *
	R2906	QRG039J-683	OM R	68kΩ 3W	J
△	R2907	QRZ0017-2R2	FUSI.RESISTOR	2.2 Ω 1/4W	J *
	R2908	QRE121J-152Y	C R	1.5kΩ 1/2W	J *
	R2909	QRT029J-R39	MF R	0.39Ω 2W	J
	R2910	QRM059J-R15	MF R	0.15Ω 5W	J
	R2911	QRE121J-681Y	C R	680Ω 1/2W	J *
	R2912	QRE121J-332Y	C R	3.3kΩ 1/2W	J *
	R2913	QRL039J-823	OM R	82kΩ 3W	J *
	R2923	QRE121J-102Y	C R	1kΩ 1/2W	J *
	R2951	QRF074J-102	UNF R	1kΩ 7W	J *

△	Symbol No.	Part No.	Part Name	Description	Local
RESISTOR					
	R2952	QRG029J-103	OM R	10kΩ 2W	J *
	R2953	QRG029J-183	OM R	18kΩ 2W	J *
	R2954	QRE141J-330Y	C R	33Ω 1/4W	J *
	R2955	QRE141J-681Y	C R	680Ω 1/4W	J *
	R2956	QRX029J-R47	MF R	0.47Ω 2W	J *
	R2957	QRG029J-100	OM R	10 Ω 2W	J *
	R2960	QRE141J-153Y	C R	15kΩ 1/4W	J *
	R2961	QRE141J-182Y	C R	1.8kΩ 1/4W	J *
	R2962	QRE141J-153Y	C R	15kΩ 1/4W	J *
	R2963	QRE141J-682Y	C R	6.8kΩ 1/4W	J *
	R2968	QRE141J-103Y	C R	10kΩ 1/4W	J *
	R2969	QRE141J-682Y	C R	6.8kΩ 1/4W	J *
	R2970	QRE141J-822Y	C R	8.2kΩ 1/4W	J *
	R2971	QRE141J-682Y	C R	6.8kΩ 1/4W	J *
	R2983	QRE141J-122Y	C R	1.2kΩ 1/4W	J *
	R2984	QRE141J-104Y	C R	100kΩ 1/4W	J *
	R2985-86	QRE141J-103Y	C R	10kΩ 1/4W	J *
	R2987	QRE121J-680Y	C R	68Ω 1/2W	J *
△	R2991	QRZ0057-825	C R	8.2MΩ 1W	J *
CAPACITOR					
	C2451	QCS31HJ-470Z	C CAP.	47pF 50V	J *
	C2452	QFV71HJ-104Z	MF CAP.	0.1μF 50V	J *
	C2453	QETNIEM-476Z	E CAP.	47μF 25V	M *
	C2455	QFLC1HJ-102Z	M CAP.	1000pF 50V	J *
	C2456-57	QFM72DJ-152Z	M CAP.	1500pF 200V	J *
	C2458	QEZ0471-226Z	E CAP.	4.7μF 50V	M
	C2461	QFLC1HJ-182Z	M CAP.	1800pF 50V	J *
	C2501	QCB32HK-331Z	C CAP.	330pF 500V	K *
	C2502	QFM72DK-103	M CAP.	0.01μF 200V	K *
	C2503	QFV71HJ-224Z	MF CAP.	0.22μF 50V	J *
△	C2521	QFZ0122-112	MPP CAP.	1100pF1.8KVH ±3%	
△	C2522	QFZ0117-1202	MPP CAP.	0.012μF1.8KVH ±3%	*
	C2523	QFM72DK-393	M CAP.	0.039μF 200V	K *
△	C2524	QFP32GJ-273	PP CAP.	0.027μF 400V	J *
	C2525	QFZ0194-914	MPP CAP.	0.91μF 250V	J
	C2526	QFZ0194-244	MPP CAP.	0.24μF 250V	J
	C2527	QFZ0194-154	MPP CAP.	0.15μF 250V	J
	C2529	QCB32HK-561Z	C CAP.	560pF 500V	K *
	C2530	QFZ0194-154	MPP CAP.	0.15μF 250V	J
	C2532	QETM2CM-227	E CAP.	220pF 160V	M
	C2533	QFLC1HJ-223Z	M CAP.	0.022μF 50V	J *
	C2534	QFV71HJ-104Z	MF CAP.	0.1μF 50V	J *
	C2535	QETN1CM-107Z	E CAP.	100μF 16V	M *
	C2536	QFV71HJ-104Z	MF CAP.	0.1μF 50V	J *
	C2537	QFLC2AJ-823Z	M CAP.	0.082μF 100V	J *
	C2551	QCB32HK-152Z	C CAP.	1500pF 500V	K *
	C2552	QETN1CM-108Z	E CAP.	1000μF 16V	M
	C2553	QCB32HK-152Z	C CAP.	1500pF 500V	K *
	C2554	QETN1CM-108Z	E CAP.	1000μF 16V	M
	C2555	QENCIHM-335Z	BP E CAP.	3.3μF 50V	M
	C2556	QCB32HK-102Z	C CAP.	1000pF 500V	K *
	C2557	QETN2EM-106Z	E CAP.	10μF 250V	M
	C2562	QFZ0122-682	MPP CAP.	6800pF1.8KVH ±3%	
	C2563	QFLC1HJ-563Z	E CAP.	0.056μF 50V	J *
	C2564	QETNIEM-476Z	E CAP.	47μF 25V	M *
	C2565	QCB32HK-561Z	C CAP.	560pF 500V	K *
	C2566	QFZ0122-682	MPP CAP.	6800pF1.8KVH ±3%	
	C2567-68	QCZ0122-471	C CAP.	470pF 2000V	K *
	C2581	QETN1CM-107Z	E CAP.	100μF 16V	M
	C2582	QETNIEM-476Z	E CAP.	47μF 25V	M
	C2583	QETN2AM-106Z	E CAP.	10μF 100V	M
	C2584	QETNIAM-227Z	E CAP.	220μF 10V	M
	C2585	QFZ0194-534	MPP CAP.	0.53μF 250V	J
△	C2901	QFZ040-473	MM CAP.	0.047μFAC275V	M

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Symbol No.	Part No.	Part Name	Description	Local
CAPACITOR				
△ C2902	QCZ9054-472	C CAP.	4700pFAC250V	Z *
△ C2903	QCZ9054-472	C CAP.	4700pFAC250V	Z *
△ C2904	QCZ9054-472	C CAP.	4700pFAC250V	Z *
C2905	QEZO199-227	E CAP.	220pF 400V	M *
C2906	QCB32HK-103	C CAP.	0.01μF 500V	K *
C2907	QCZ0122-391	C CAP.	390pF 2000V	K *
C2908	QETN1HM-476Z	E CAP.	47μF 50V	M *
C2909	QCB31HK-1022	C CAP.	1000pF 50V	K *
C2910	QCZ0122-561	C CAP.	560pF 2000V	K *
C2912	QCB31HK-561Z	C CAP.	560pF 50V	K *
C2921	QETN1EM-227Z	E CAP.	220μF 25V	M *
C2922-23	QETN1HM-106Z	E CAP.	10μF 50V	M *
C2951	QEZO203-227	E CAP.	220pF 160V	M *
C2952	QEHQ1CM-228	E CAP.	2200μF 16V	M *
C2953-54	QEHQ1CH-228	E CAP.	2200μF 16V	M *
C2955	QEHR1CM-477Z	E CAP.	470μF 16V	M *
C2956	QEHQ1VM-228	E CAP.	2200μF 35V	M *
C2957-58	QETM1EM-338	E CAP.	3300μF 25V	M *
C2959-60	QCB32HK-1022	C CAP.	1000pF 500V	K *
C2967	QEHQ1CM-228	E CAP.	2200μF 16V	M *
C2968	QCZ0120-104Z	C CAP.	0.1μF 25V	Z *
C2970	QETN1CM-227Z	E CAP.	220μF 16V	M *
C2972-73	QEHR1AM-477Z	E CAP.	470μF 10V	M *
C2974-75	QEZO256-128	E CAP.	1200pF 10V	M *
C2976	QETN1AM-227Z	E CAP.	220μF 10V	M *
C2977	QFV71HJ-684Z	MF CAP.	0.68μF 50V	J *
C2978	QCZ0122-471	C CAP.	470pF 2000V	K *
△ C2991	QCZ9079-332	C CAP.	3300pFAC250V	K *
△ C2992	QCZ9079-471	C CAP.	470pFAC250V	K *

TRANSFORMER			
T2501	QQR0882-001	HOR. DEF. TRANSF.	*
T2521	QQR0706-001	PINC. TRANSF.	*
△ T2551	QQH0053-002-I2	FBT	(SERVICE)
T2561	CE41563-008	TRANSFORMER	
△ T2901	CETS129-001J4	SW TRANSF.	*
△ T2921	QQT0147-001	POWER TRANSF.	*

COIL			
L2451	QLL43AJ-332	CHOKE COIL	
L2452	QLLZ020-801	CHOKE COIL	
L2521	QLLZ025-180	CHOKE COIL	
L2522	QQR0961-002	LINEARITY COIL	
L2523	QLL26AJ-153Z	PEAKING COIL	*
L2524	QLL01BK-560Z	COIL	56μH *
L2551	QLLZ018-320	HEATER CHOKE	
L2561	QLL43AJ-222	COIL	2200μH
L2901-02	QLL401K-100Z	CHOKE COIL	*
L2951	QLLZ018-460	HEATER CHOKE	*
L2952-54	QLL26AK-220Z	COIL	22μH *
L2955	QQR0518-001	CHOKE COIL	
L2956	QLLZ018-460	HEATER CHOKE	*
L2957	QLL26AK-220Z	COIL	22μH

DIODE			
D2454	BYD33D-T3	SI.DIODE	*
D2501	ISS81-T5	SI.DIODE	*
D2502	ISS133-T2	SI.DIODE	*
D2503	MTZ15B-T2	ZENER DIODE	*
D2521	V11CA-C1	SI.DIODE	
D2522	FMV-3FU-F1	SI.DIODE	*
D2524	ISS133-T2	SI.DIODE	*
D2551-52	BYW95B-20	SI.DIODE	*
D2553	BYD33G-T3	SI.DIODE	*
D2554	MTZJ4.7A-T2	ZENER DIODE	*

Symbol No.	Part No.	Part Name	Description	Local
DIODE				
△ D2555-56	BYD33G-T3	SI.DIODE		*
D2561-62	ES1F-LFG2	SI.DIODE		
D2581	MTZJ15B-T2	ZENER DIODE		*
D2582	MTZJ7.5B-T2	ZENER DIODE		*
D2583	MTZJ7.5S-T2	ZENER DIODE		*
D2584	BYD33G-T3	SI.DIODE		*
△ D2901	D3SB60	BRIDGE DIODE		*
D2902	BYD33M-T3	SI.DIODE		*
△ D2903	BYD33D-T3	SI.DIODE		*
D2904	BYD33D-T3	SI.DIODE		*
D2905	ISS133-T2	SI.DIODE		*
D2907	MTZJ15B-T2	ZENER DIODE		*
D2921-24	IN4003-T2	SI.DIODE		*
D2925	MTZJ10B-T2	ZENER DIODE		*
D2951-52	RU4B-F1	SI.DIODE		*
D2953	FMX-G12S	SI.DIODE		
D2954	BYW95B-20	SI.DIODE		*
D2955	SF6120U	SI.DIODE		
D2956-57	FMY-G12S	SI.DIODE		*
D2958	BYD33M-T3	SI.DIODE		*
D2959	RK44-LFT4	SI.DIODE		
D2960	MTZJ33B-T2	ZENER DIODE		*
D2961-62	ISS133-T2	SI.DIODE		*
D2964-66	ISS133-T2	SI.DIODE		*
D2981-82	ISS133-T2	SI.DIODE		*

TRANSISTOR			
Q2452	2SK2459N-F54	F.E.T.	
Q2501	BSN274	F.E.T.	*
Q2502	2SC1815/YG/-T	SI.TRANSISTOR	*
△ Q2521	2SC5552-LT	SI.TRANSISTOR	
Q2524	2SC3311A/QR/-T	SI.TRANSISTOR	*
Q2525	2SA1309A/QR/-T	SI.TRANSISTOR	*
Q2526	IRF9630	F.E.T.	
Q2561-62	2SC1815/YG/-T	SI.TRANSISTOR	*
Q2563	2SC4686A	PNP TRANSISTOR	
Q2581	2SA949/Y/Z1-T	SI.TRANSISTOR	*
Q2582	DTC144ESA-T	DIGI.TRANSISTOR	*
Q2583	2SC1815/YG/-T	SI.TRANSISTOR	*
Q2921	2SC2655/Y-T	SI.TRANSISTOR	*
Q2981-82	2SC1815/YG/-T	SI.TRANSISTOR	*

IC			
IC2451	BA10393	IC	
IC2521	BA10393	IC	
IC2901	STR-F666BB	I.C.	
IC2951	SE140N	I.C.(HYBRID)	
IC2952	BA12T	I.C.(MONO-ANA)	*
IC2953	SI-8050S	I.C.(HYBRID)	
IC2954	BA033T	I.C.(MONO-ANA)	
IC2955	UPC2409AHF	I.C.(MONO-ANA)	
IC2956	BA08T	I.C	*

OTHERS			
△ CP2953	ICP-N75-Y	I.C.PROTECT	*
△ CP2954	QMFZ034-4R0Z-J1	FUSE	4A *
△ CP2955	QMFZ034-4R0Z-J1	FUSE	4A *
K2521	CE41832-001	LEAD CORE	
K2523-25	CE41832-001	LEAD CORE	*
K2901-02	CE42050-001Z	CORE	*
K2951	QQR0679-001	FERRITE BEADS	
K2952	CE41433-001Z	BEADS CORE	*
K2953	CE41832-001	LEAD CORE	*
△ PC2901	TLP721F(D4-GR)	I.C.(PH.COUPLER)	*

△	Symbol No.	Part No.	Part Name	Description	Local
OTHERS					

△ RY2981	QSK0086-001	RELAY			
△ TH2901	CEKP002-003	W.P.THERMISTOR		*	

CRT SOCKET PW BOARD ASS'Y (SMD-3001A-U2)

△	Symbol No.	Part No.	Part Name	Description	Local
RESISTOR					

R3101	QRE141J-272Y	C R	2.7kΩ	1/4W	J	*
R3102	QRE141J-153Y	C R	15kΩ	1/4W	J	*
R3103	QRE141J-152Y	C R	1.5kΩ	1/4W	J	*
R3104	QRE141J-680Y	C R	680	1/4W	J	*
R3105	QRE141J-221Y	C R	220Ω	1/4W	J	*
△ R3106	QRJ146J-100X	C R	10Ω	1/4W	J	*
R3107-08	QRE141J-470Y	C R	47Ω	1/4W	J	*
△ R3109	QRZ0201-561	FUSI.RESISTOR	560 Ω	1W	J	*
R3110	QRE141J-122Y	C R	1.2kΩ	1/4W	J	*
R3111	QRE141J-390Y	C R	39Ω	1/4W	J	*
R3112	QRE141J-2R7Y	C R	2.7Ω	1/4W	J	*
R3113-14	QRE141J-563Y	C R	56kΩ	1/4W	J	*
R3115	QRE141J-122Y	C R	1.2kΩ	1/4W	J	*
R3116	QRE141J-2R7Y	C R	2.7Ω	1/4W	J	*
R3117	QRE141J-390Y	C R	39Ω	1/4W	J	*
R3118	QRE141J-121Y	C R	120Ω	1/4W	J	*
R3119	QRL029J-391	OM R	390Ω	2W	J	*
R3130	QRE141J-101Y	C R	100Ω	1/4W	J	*
R3204-06	QRE141J-152Y	C R	1.5kΩ	1/4W	J	*
R3207	QRE141J-562Y	C R	5.6kΩ	1/4W	J	*
R3208	QRE141J-123Y	C R	12kΩ	1/4W	J	*
R3211	QRE141J-334Y	C R	330kΩ	1/4W	J	*
R3223-25	QRE141J-182Y	C R	1.8kΩ	1/4W	J	*
R3227	QRE141J-272Y	C R	2.7kΩ	1/4W	J	*
R3228	QRE141J-822Y	C R	8.2kΩ	1/4W	J	*
R3229-31	QRG01GJ-823	OM R	82kΩ	1W	J	*
R3232-34	QRE141J-332Y	C R	3.3kΩ	1/4W	J	*
R3235-37	QRC121K-152Z	COMP.R	1.5kΩ	1/2W	K	*
R3239	QRZ0107-474Z	C R	0.47μF	1/2W	K	*
R3240	QRZ0107-102Z	C R	15 Ω	1/2W	K	*
R3241	QRZ0107-105Z	C R	15 Ω	1/2W	K	*
R3301-02	QRE121J-474Y	C R	470kΩ	1/2W	J	*
R3303-04	QRE141J-223Y	C R	22kΩ	1/4W	J	*
R3305	QRE141J-562Y	C R	5.6kΩ	1/4W	J	*
R3306	QRE141J-392Y	C R	3.9kΩ	1/4W	J	*
R3307	QRE141J-101Y	C R	100Ω	1/4W	J	*
R3308	QRE141J-471Y	C R	470Ω	1/4W	J	*
R3309	QRE141J-120Y	C R	12Ω	1/4W	J	*
R3310	QRE141J-331Y	C R	330Ω	1/4W	J	*
R3311-12	QRE141J-472Y	C R	4.7kΩ	1/4W	J	*
R3313	QRE141J-102Y	C R	1kΩ	1/4W	J	*
C3101	QETN1HM-106Z	E CAP.	10μF	50V	M	*
C3103	QETN1HM-335Z	E CAP.	3.3μF	50V	M	*
C3104	QETN1CH-107Z	E CAP.	100μF	16V	M	*
C3105	QCS31HJ-101Z	C CAP.	100pF	50V	J	*
C3106	QCS31HJ-181Z	C CAP.	180pF	50V	J	*
C3107	QETN2CH-106Z	E CAP.	10μF	160V	M	*
C3108-09	QCB32HK-472Z	C CAP.	4700pF	500V	K	*
C3110	QETN2CH-106Z	E CAP.	10pF	160V	M	*

△	Symbol No.	Part No.	Part Name	Description	Local
CAPACITOR					

C3111-12	QETN1AM-107Z	E CAP.	100μF	10V	M	*
C3113	QETN1AM-337Z	E CAP.	330μF	10V	M	*
C3114	QCS32HJ-470Z	C CAP.	47pF	500V	J	*
C3115	QCS31HJ-5R0Z	C CAP.	5.0pF	50V	J	*
C3118	QENC1HM-106Z	BP E CAP.	10pF	50V	M	*
C3201-03	QCS31HJ-8R0Z	C CAP.	8.0pF	50V	J	*
C3204	QCZ0120-104Z	C CAP.	1 Ω	25V	Z	*
C3205	QCZ0120-104Z	C CAP.	1 Ω	25V	Z	*
C3206	QCZ0120-104Z	C CAP.	1 Ω	25V	Z	*
C3207-09	QETN1EM-476Z	E CAP.	47μF	25V	M	*
C3210-12	QFK62EK-104Z	MM CAP.	0.1μF	250V	K	*
C3213-15	QCS31HJ-181Z	C CAP.	180pF	50V	J	*
C3216	QETN1CH-107Z	E CAP.	100μF	16V	M	*
C3218	QETN2EM-336	E CAP.	33μF	250V	M	*
C3219	QFZ0097-223	MM CAP.	0.022μF	1250V	K	*
C3221	QETN2EM-106Z	E CAP.	10μF	250V	M	*
C3301	QETN1CM-107Z	E CAP.	100μF	16V	M	*
C3302	QFLC1HJ-103Z	M CAP.	0.01μF	50V	J	*

COIL

L3201-03	QQL01BK-4R7Z	COIL	4.7μH	*
L3301	QQL26AJ-102Z	COIL	1000μH	

DIODE

D3101-02	RH15-T3	SI.DIODE		*
D3151	1SS133-T2	SI.DIODE		*
D3204-06	EU01N-T2	SI.DIODE		*
D3208-10	1SR124-400A-T2	SI.DIODE		*
D3301	1SS252-T2	SI.DIODE		*
D3302-03	1SS133-T2	SI.DIODE		*

TRANSISTOR

Q3102-03	2SC3311A/QR/-T	SI.TRANSISTOR		*
Q3104	2SA1309A/QR/-T	SI.TRANSISTOR		*
Q3105	2SA1837	SI.TRANSISTOR		*
Q3106	2SC4793	SI.TRANSISTOR		*
Q3301	2SA1015/YG/-T	SI.TRANSISTOR		*
Q3302	2SC2655/Y-T	SI.TRANSISTOR		*
Q3303	2SA1015/YG/-T	SI.TRANSISTOR		*
Q3304-05	2SC3311A/QR/-T	SI.TRANSISTOR		*

IC

IC3201-03	TDA6111Q	I.C.(MONO-ANA)		*
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OTHERS

K3101-04	CE41492-001Z	CHOKE COIL		*
K3105	CE41433-001Z	BEADS CORE		*
SG3201-03	CE42447-501	ARRESTOR		*
△ SK3001	CE42670-001	C.R.T.SOCKET		*

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AUDIO PW BOARD ASS'Y (SMD-6001A-U2)

△ Symbol No.	Part No.	Part Name	Description	Local
RESISTOR				
R6101	QRN143J-2R2X	C R	2.2Ω 1/4W J	*
R6102	QRE141J-562Y	C R	5.6kΩ 1/4W J	*
R6103	QRE141J-223Y	C R	22kΩ 1/4W J	*
R6104	QRE141J-681Y	C R	680Ω 1/4W J	*
R6105-06	QRE141J-223Y	C R	22kΩ 1/4W J	*
R6107	QRE141J-183Y	C R	18kΩ 1/4W J	*
R6108	QRN143J-2R2X	C R	2.2Ω 1/4W J	*
R6109	QRE141J-562Y	C R	5.6kΩ 1/4W J	*
R6110	QRE141J-223Y	C R	22kΩ 1/4W J	*
R6111	QRE141J-681Y	C R	680Ω 1/4W J	*
R6112-13	QRE141J-223Y	C R	22kΩ 1/4W J	*
R6114	QRE141J-183Y	C R	18kΩ 1/4W J	*
R6115	QRN143J-103X	C R	10kΩ 1/4W J	*
R6116	QRE141J-273Y	C R	27kΩ 1/4W J	*
R6118-19	QRE141J-104Y	C R	100kΩ 1/4W J	*
R6122-23	QRE141J-104Y	C R	100kΩ 1/4W J	*
R6124	QRE141J-472Y	C R	4.7kΩ 1/4W J	*
R6125-26	QRE141J-223Y	C R	22kΩ 1/4W J	*
CAPACITOR				
C6101	QFV71HJ-684Z	MF CAP.	0.68μF 50V J	*
C6102-03	QETM1EM-228	E CAP.	2200μF 25V M	*
C6104	QETN1HM-476Z	E CAP.	47μF 50V M	*
C6105	QETN1HM-105Z	E CAP.	1μF 50V M	*
C6106	QETN1CM-107Z	E CAP.	100μF 16V M	*
C6108	QFV71HJ-684Z	MF CAP.	0.68μF 50V J	*
C6109-10	QFV71HJ-104Z	MF CAP.	0.1μF 50V J	*
C6111	QETN1HM-476Z	E CAP.	47μF 50V M	*
C6112	QETN1HM-105Z	E CAP.	1μF 50V M	*
C6113	QETN1CM-107Z	E CAP.	100μF 16V M	*
C6115-16	QFV71HJ-684Z	MF CAP.	0.68μF 50V J	*
C6123-24	QEZO206-335Z	BP E CAP.	33μF 50V M	*
C6125-26	QCS31HJ-181Z	C CAP.	180pF 50V J	*
C6127	QFLC1HJ-103Z	M CAP.	0.01μF 50V J	*
DIODE				
D6101-04	MTZJ27B-T2	ZENER DIODE		*
D6105	MTZJ5.1B-T2	ZENER DIODE		*
D6107	1SS133-T2	SI.DIODE		*
D6108	MA700A-T2	SI.DIODE		*
D6110-11	1SS133-T2	SI.DIODE		*
TRANSISTOR				
Q6101	DTC144ESA-T	DIGI.TRANSISTOR		*
Q6102	2SA1015/YG/-T	SI.TRANSISTOR		*
Q6104	2SA1015/YG/-T	SI.TRANSISTOR		*
Q6105	DTC144ESA-T	DIGI.TRANSISTOR		*
Q6106-07	DTC323TS-T	DIGI.TRANSISTOR		*
IC				
IC6101-02	TDA2052V	I.C.(MONO-ANA)		*
OTHERS				
K6001-02	CE41433-001Z	BEADS CORE		*

**FRONT CONTROL PW BOARD ASS'Y
(SMD-8001A-U2)**

△ Symbol No.	Part No.	Part Name	Description	Local
RESISTOR				
R8001-02	QRE121J-151Y	C R	150Ω 1/2W J	*
R8003	QRE141J-222Y	C R	2.2kΩ 1/4W J	*
R8004	QRE141J-472Y	C R	4.7kΩ 1/4W J	*
R8005	QRE141J-561Y	C R	560Ω 1/4W J	*
R8007	QRE141J-103Y	C R	10kΩ 1/4W J	*
R8008	QRE141J-682Y	C R	6.8kΩ 1/4W J	*
R8009	QRE141J-105Y	C R	1MΩ 1/4W J	*
R8010	QRE141J-183Y	C R	18kΩ 1/4W J	*
R8011	QRE141J-123Y	C R	12kΩ 1/4W J	*
R8012	QRE141J-273Y	C R	27kΩ 1/4W J	*
R8013	QRE141J-332Y	C R	3.3kΩ 1/4W J	*
R8014	QRE141J-123Y	C R	12kΩ 1/4W J	*
R8020	QRE141J-562Y	C R	5.6kΩ 1/4W J	*
R8035	QRE141J-391Y	C R	390Ω 1/4W J	*
R8036-38	QRE141J-561Y	C R	560Ω 1/4W J	*
R8039	QRE141J-821Y	C R	820Ω 1/4W J	*
CAPACITOR				
C8001-02	QCB31HK-103Z	C CAP.	0.01μF 50V K	*
C8003	QETN1HM-106Z	E CAP.	10μF 50V M	*
C8004	QCZ0120-104Z	C CAP.	0.1μF 25V Z	*
C8005	QETN1EM-476Z	E CAP.	47μF 25V M	*
C8010-11	QC811HK-472Z	C CAP.	4700pF 50V K	*
C8019	QETN1CM-107Z	E CAP.	100μF 16V M	*
C8021	QCZ0120-104Z	C CAP.	0.1μF 25V Z	*
C8022	QETN1EM-476Z	E CAP.	47μF 25V M	*
C8023	QCZ0120-104Z	C CAP.	0.1μF 25V Z	*
△ C8901	QFZ9040-474	MF CAP.	0.47μFAC275V M	*
COIL				
L8001	QOR0716-001Z	LEAD CORE		
L8002-03	QQL211K-5R6Y	COIL	5.6μH	*
L8010-11	QQL211K-270Y	COIL	27μH	*
L8012	QOR0716-001Z	LEAD CORE		
DIODE				
D8007	P1241-04	C.D.S.		
D8008	1SS133-T2	SI.DIODE		*
D8009	SLR-342MG-T16	L.E.D.(GRN)		*
D8010	SPR-39MWTF	L.E.D.		*
D8011	1SS133-T2	SI.DIODE		*
D8012	SLR-342DU-T16	L.E.D.(ORG)		*
D8013	SLR-342YY-T16	L.E.D.(YLW)		*
D8014	MTZJ6.8A-T2	ZENER DIODE		*
D8018	MTZJ5.1B-T2	ZENER DIODE		*
TRANSISTOR				
Q8001	2SA1015/YG/-T	SI.TRANSISTOR		*
Q8002	DTC144ESA-T	DIGI.TRANSISTOR		*
Q8003-04	DTA144ESA-T	DIGI.TRANSISTOR		*
Q8005-07	DTC144ESA-T	DIGI.TRANSISTOR		*
IC				
IC8001	GP1U281Q	IFR DETECT UNIT		*

△	Symbol No.	Part No.	Part Name	Description	Local
OTHERS					
	CEMG002-001Z	FUSE CLIP		*	
	LC30596-001A-U	LED HOLDER		*	
	CM35921-005-H	CDS HOLDER		*	
CN8002	CHC108N-25T-AE	FFC CONNECTOR		*	
△ F8901	QMF51D2-3R15J1	FUSE	3.15A	*	
J8001	QMS3007-C01	JACK		*	
J8003	QND0073-001	S JACK		*	
J8004	CEMN011-001	JACK		*	
J8005	CEMN011-002	JACK		*	
J8006	CEMN011-003	JACK		*	
△ LF8901	CELF012-001J7	LINE FILTER		*	
△ LF8902	CELF012-001J7	LINE FILTER		*	
S8001	QSW0619-003Z	PUSH SWITCH	MENU		
S8002	QSW0619-003Z	PUSH SWITCH	CH DOWN		
S8003	QSW0619-003Z	PUSH SWITCH	CH UP		
△ S8901	QSW0750-001	PUSH SWITCH	MAIN POWER	*	

DOLBY PW BOARD ASS'Y (SMD0D001A-U2)

△	Symbol No.	Part No.	Part Name	Description	Local
RESISTOR					
R0101	NRSA02J-153X	MG R	15kΩ 1/10W	J	*
R0102	NRSA02J-683X	MG R	68kΩ 1/10W	J	*
R0103	NRSA02J-153X	MG R	15kΩ 1/10W	J	*
R0104	NRSA02J-683X	MG R	68kΩ 1/10W	J	*
R0105	NRSA02J-105X	MG R	1MΩ 1/10W	J	*
R0106-09	NRSA02J-271X	MG R	270Ω 1/10W	J	*
R0111	NRSA02J-102X	MG R	1kΩ 1/10W	J	*
R0112	NRSA02J-0R0X	MG R	0.0Ω 1/10W	J	*
R0113	NRSA02J-102X	MG R	1kΩ 1/10W	J	*
R0114	NRSA02J-0R0X	MG R	0.0Ω 1/10W	J	*
R0115	NRSA02J-102X	MG R	1kΩ 1/10W	J	*
R0201	NRSA02J-103X	MG R	10kΩ 1/10W	J	*
R0203	NRSA02J-103X	MG R	10kΩ 1/10W	J	*
R0204	NRSA02J-563X	MG R	56kΩ 1/10W	J	*
R0205	NRSA02J-103X	MG R	10kΩ 1/10W	J	*
R0207	NRSA02J-103X	MG R	10kΩ 1/10W	J	*
R0208	NRSA02J-563X	MG R	56kΩ 1/10W	J	*
R0209	NRSA02J-123X	MG R	12kΩ 1/10W	J	*
R0211	NRSA02J-123X	MG R	12kΩ 1/10W	J	*
R0212	NRSA02J-103X	MG R	10kΩ 1/10W	J	*
R0214-15	NRSA02J-104X	MG R	100kΩ 1/10W	J	*
R0216	NRSA02J-103X	MG R	10kΩ 1/10W	J	*
R0217	NRSA02J-123X	MG R	12kΩ 1/10W	J	*
R0219	NRSA02J-123X	MG R	12kΩ 1/10W	J	*
R0221	NRSA02J-104X	MG R	100kΩ 1/10W	J	*
R0222	NRSA02J-103X	MG R	10kΩ 1/10W	J	*
R0223	NRSA02J-153X	MG R	15kΩ 1/10W	J	*
R0225	NRSA02J-223X	MG R	22kΩ 1/10W	J	*
R0227	NRSA02J-104X	MG R	100kΩ 1/10W	J	*
R0228	NRSA02J-153X	MG R	15kΩ 1/10W	J	*
R0229	NRSA02J-223X	MG R	22kΩ 1/10W	J	*
R0231	NRSA02J-103X	MG R	10kΩ 1/10W	J	*
R0232-33	NRSA02J-122X	MG R	1.2kΩ 1/10W	J	*
R0301	NRSA02J-103X	MG R	10kΩ 1/10W	J	*
R0401	NRSA02J-102X	MG R	1kΩ 1/10W	J	*
R0402-03	NRSA02J-562X	MG R	5.6kΩ 1/10W	J	*

△	Symbol No.	Part No.	Part Name	Description	Local
RESISTOR					

R0404	NRSA02J-102X	MG R	1kΩ 1/10W	J	*
R0431	NRSA02J-102X	MG R	1kΩ 1/10W	J	*
R0432-33	NRSA02J-562X	MG R	5.6kΩ 1/10W	J	*
R0434	NRSA02J-102X	MG R	1kΩ 1/10W	J	*
R0451	NRSA02J-273X	MG R	27kΩ 1/10W	J	*
R0452	NRSA02J-683X	MG R	68kΩ 1/10W	J	*
R0453	NRSA02J-0R0X	MG R	0.0Ω 1/10W	J	*
R0454	NRSA02J-473X	MG R	47kΩ 1/10W	J	*
R0455	NRSA02J-333X	MG R	33kΩ 1/10W	J	*
R0456-57	NRSA02J-473X	MG R	47kΩ 1/10W	J	*
R0458	NRSA02J-102X	MG R	1kΩ 1/10W	J	*
R0459	NRSA02J-223X	MG R	22kΩ 1/10W	J	*
R0460	NRSA02J-393X	MG R	39kΩ 1/10W	J	*
R0461	NRSA02J-273X	MG R	27kΩ 1/10W	J	*
R0462	NRSA02J-122X	MG R	1.2kΩ 1/10W	J	*
R0463	NRSA02J-273X	MG R	27kΩ 1/10W	J	*
R0464	NRSA02J-683X	MG R	68kΩ 1/10W	J	*
R0465	NRSA02J-0R0X	MG R	0.0Ω 1/10W	J	*
R0466	NRSA02J-473X	MG R	47kΩ 1/10W	J	*
R0467	NRSA02J-333X	MG R	33kΩ 1/10W	J	*
R0468-69	NRSA02J-473X	MG R	47kΩ 1/10W	J	*
R0470	NRSA02J-102X	MG R	1kΩ 1/10W	J	*
R0471	NRSA02J-223X	MG R	22kΩ 1/10W	J	*
R0472	NRSA02J-393X	MG R	39kΩ 1/10W	J	*
R0473	NRSA02J-273X	MG R	27kΩ 1/10W	J	*
R0474	NRSA02J-122X	MG R	1.2kΩ 1/10W	J	*
R0475	NRSA02J-123X	MG R	12kΩ 1/10W	J	*
R0476	NRSA02J-101X	MG R	100Ω 1/10W	J	*
R0477	NRSA02J-223X	MG R	22kΩ 1/10W	J	*
R0478	NRSA02J-101X	MG R	100Ω 1/10W	J	*
R0479	NRSA02J-223X	MG R	22kΩ 1/10W	J	*
R0480	NRSA02J-101X	MG R	100Ω 1/10W	J	*
R0481-82	NRSA02J-223X	MG R	22kΩ 1/10W	J	*
R0483	NRSA02J-183X	MG R	18kΩ 1/10W	J	*
R0484	NRSA02J-223X	MG R	22kΩ 1/10W	J	*
R0485-86	NRSA02J-103X	MG R	10kΩ 1/10W	J	*
R0491	NRSA02J-101X	MG R	100Ω 1/10W	J	*
R0492	NRSA02J-0R0X	MG R	0.0Ω 1/10W	J	*
R0501	NRSA02J-223X	MG R	22kΩ 1/10W	J	*
R0502	NRSA02J-332X	MG R	3.3kΩ 1/10W	J	*
R0503	NRSA02J-103X	MG R	10kΩ 1/10W	J	*
R0504	NRSA02J-104X	MG R	100kΩ 1/10W	J	*
R0505	NRSA02J-332X	MG R	3.3kΩ 1/10W	J	*
R0506	NRSA02J-122X	MG R	1.2kΩ 1/10W	J	*
R0507	NRSA02J-223X	MG R	22kΩ 1/10W	J	*
R0508	NRSA02J-103X	MG R	10kΩ 1/10W	J	*
R0509	NRSA02J-104X	MG R	100kΩ 1/10W	J	*
R0510-11	NRSA02J-681X	MG R	68Ω 1/10W	J	*
R0512-13	NRSA02J-223X	MG R	22kΩ 1/10W	J	*
R0514	NRSA02J-104X	MG R	100kΩ 1/10W	J	*
R0516	NRSA02J-103X	MG R	10kΩ 1/10W	J	*
R0517	NRSA02J-0R0X	MG R	0.0Ω 1/10W	J	*
R0518	NRSA02J-103X	MG R	10kΩ 1/10W	J	*
R0519	NRSA02J-0R0X	MG R	0.0Ω 1/10W	J	*
C0101	NCF21EZ-104X	C CAP.	0.1μF	25V	Z
C0103	NDC21HJ-221X	C CAP.	220pF	50V	J
C0104	NEH71HM-475X	E CAP.	4.7μF	50V	M
C0105	NCF21EZ-104X	C CAP.	0.1μF	25V	Z
C0106-08	NEH71CM-476X	E CAP.	47μF	16V	M
C0109	NEH71HM-475X	E CAP.	4.7μF	50V	M
C0110	NDC21HJ-221X	C CAP.	220pF	50V	J
C0111-12	NDC21HJ-100X	C CAP.	10pF	50V	J
C0114-15	NEH71CM-476X	E CAP.	47μF	16V	M

AV-32WFP1EU

Symbol No.	Part No.	Part Name	Description	Local	Symbol No.	Part No.	Part Name	Description	Local
CAPACITOR									
C0116	NCF21EZ-104X	C CAP.	0.1μF	25V Z *	C0508	NEH71CM-476X	E CAP.	47μF	16V M
C0117-19	NEH71CM-476X	E CAP.	47μF	16V M	C0701-02	NCB21HK-222X	C CAP.	0.1μF	25V Z *
C0120	NCF21EZ-104X	C CAP.	0.1μF	25V Z *				47μF	16V M
C0121-22	NEH71CM-476X	E CAP.	47μF	16V M				2200pF	50V K *
C0123	NCF21EZ-104X	C CAP.	0.1μF	25V Z *					
C0124-27	NDC21HJ-221X	C CAP.	220pF	50V J *					
C0128	NEH71CM-476X	E CAP.	47μF	16V M	L0102-05	NQL02BJ-4R7X	COIL		4.7μH *
C0129-33	NCF21EZ-104X	C CAP.	0.1μF	25V Z *	L0701-02	NQL02BJ-100X	COIL		10μH *
C0134	NEHE1EM-227X	E CAP.	2200pF	16V M					
C0135	NCF21EZ-104X	C CAP.	0.1μF	25V Z *					
C0137	NEHE1EM-107X	E CAP.	100pF	25V M					
C0138	NEH71CM-476X	E CAP.	47μF	16V M					
C0139	NEHE1EM-227X	E CAP.	220pF	16V M					
C0142	NCF21EZ-104X	C CAP.	0.1μF	25V Z *					
C0144-45	NCF21EZ-104X	C CAP.	0.1μF	25V Z *					
C0146	NEHE1EM-107X	E CAP.	100pF	25V M					
C0147	NCB21HK-102X	C CAP.	1000pF	50V K *					
C0148-49	NCB21HK-222X	C CAP.	2200pF	50V K *					
C0150	NEH71CM-106X	E CAP.	10μF	16V M					
C0201-02	NCF21CZ-105X	C CAP.	1μF	16V Z *					
C0203	NEHE1EM-107X	E CAP.	100pF	25V M					
C0204-05	NCF21CZ-105X	C CAP.	1μF	16V Z *					
C0208	NCF21CZ-105X	C CAP.	1μF	16V Z *					
C0209	NDC21HJ-470X	C CAP.	47pF	50V J *					
C0212	NDC21HJ-470X	C CAP.	47pF	50V J *					
C0213	NCF21CZ-105X	C CAP.	1μF	16V Z *					
C0214	NEHE1EM-107X	E CAP.	100pF	25V M					
C0217	NCF21CZ-105X	C CAP.	1μF	16V Z *					
C0218	NDC21HJ-470X	C CAP.	47pF	50V J *					
C0219	NCF21CZ-105X	C CAP.	1μF	16V Z *					
C0220	NDC21HJ-470X	C CAP.	47pF	50V J *					
C0223-25	NEH71CM-476X	E CAP.	47μF	16V M					
C0226-29	MRS040J-0R0X	MG R	0.0Ω 1/10W	J *					
C0301	NEH71CM-476X	E CAP.	47μF	16V M					
C0401	NEH71EM-226X	E CAP.	22μF	25V M					
C0402	NEH71CM-476X	E CAP.	47μF	16V M					
C0403-04	NCB21HK-272X	C CAP.	2700pF	50V K *					
C0405-06	NCF21CZ-105X	C CAP.	1μF	16V Z *					
C0407-10	NCF21EZ-104X	C CAP.	0.1μF	25V Z *					
C0431	NEH71EM-226X	E CAP.	22μF	25V M					
C0432	NEHE1EM-227X	E CAP.	220pF	16V M					
C0433-34	NCB21HK-272X	C CAP.	2700pF	50V K *					
C0435	NCF21CZ-105X	C CAP.	1μF	16V Z *					
C0436-39	NCF21EZ-104X	C CAP.	0.1μF	25V Z *					
C0440	NCF21CZ-105X	C CAP.	1μF	16V Z *					
C0451	NCF21CZ-105X	C CAP.	1μF	16V Z *					
C0452	NDC21HJ-100X	C CAP.	10pF	50V J *					
C0453	NCB21HK-103X	C CAP.	0.01μF	50V K *					
C0454	NCB21EK-563X	C CAP.	0.056μF	25V K					
C0456	NEHE1EM-107X	E CAP.	100μF	25V M					
C0457	NCF21CZ-105X	C CAP.	1μF	16V Z *					
C0458	NCB21EK-563X	C CAP.	0.056μF	25V K					
C0459	NEHE1EM-107X	E CAP.	100μF	25V M					
C0460	NCB21HK-103X	C CAP.	0.01μF	50V K *					
C0461	NDC21HJ-100X	C CAP.	10pF	50V J *					
C0462	NCF21CZ-105X	C CAP.	1μF	16V Z *					
C0465-67	NCF21CZ-105X	C CAP.	1μF	16V Z *					
C0468	NEH71CM-476X	E CAP.	47μF	16V M					
C0471-72	NCF21CZ-105X	C CAP.	1μF	16V Z *					
C0473	NCB21HK-821X	C CAP.	820pF	50V K *					
C0474	NDC21HJ-470X	C CAP.	47pF	50V J *					
C0475	NEH71CM-476X	E CAP.	47μF	16V M					
C0476	NCF21CZ-105X	C CAP.	1μF	16V Z *					
C0479-80	NDC21HJ-820X	C CAP.	82pF	50V J *					
C0501-02	NCF21CZ-105X	C CAP.	1μF	16V Z *					
C0503-04	NDC21HJ-100X	C CAP.	10pF	50V J *					
C0505	NEH71CM-476X	E CAP.	47μF	16V M					
C0506-07	NEH71HM-106X	E CAP.	10μF	50V M					

IF PW BOARD ASS'Y (SMD0F001A-U2)

△	Symbol No.	Part No.	Part Name	Description	Local
RESISTOR					
R0020	NRSA02J-472X	MG R	4.7kΩ 1/10W	J	*
R0021	NRSA02J-122X	MG R	1.2kΩ 1/10W	J	*
R0022	NRSA02J-331X	MG R	330Ω 1/10W	J	*
R0023	NRSA02J-680X	MG R	68Ω 1/10W	J	*
R0024	NRSA02J-330X	MG R	33Ω 1/10W	J	*
R0025	NRSA02J-222X	MG R	2.2kΩ 1/10W	J	*
R0026	NRSA02J-122X	MG R	1.2kΩ 1/10W	J	*
R0027-28	NRSA02J-080X	MG R	0.0Ω 1/10W	J	*
R0030-31	NRSA02J-150X	MG R	15Ω 1/10W	J	*
R0050-51	NRSA02J-121X	MG R	120Ω 1/10W	J	*
R0052-53	NRSA02J-561X	MG R	560Ω 1/10W	J	*
R0057	NRSA02J-472X	MG R	4.7kΩ 1/10W	J	*
R0058	NRSA02J-272X	MG R	2.7kΩ 1/10W	J	*
R0059	NRSA02J-273X	MG R	27kΩ 1/10W	J	*
R0060-61	NRSA02J-471X	MG R	470Ω 1/10W	J	*
R0062	NRSA02J-102X	MG R	1kΩ 1/10W	J	*
R0063	NRSA02J-822X	MG R	8.2kΩ 1/10W	J	*
R0064	NRSA02J-080X	MG R	0.0Ω 1/10W	J	*
R0065	NRSA02J-470X	MG R	47Ω 1/10W	J	*
R0070-71	NRSA02J-393X	MG R	39kΩ 1/10W	J	*
R0080-81	NRSA02J-473X	MG R	47kΩ 1/10W	J	*
R0082	NRSA02J-272X	MG R	2.7kΩ 1/10W	J	*
R0101	NRSA02J-822X	MG R	8.2kΩ 1/10W	J	*
R0102	NRSA02J-471X	MG R	470Ω 1/10W	J	*
R0103	NRSA02J-102X	MG R	1kΩ 1/10W	J	*
R0104	NRSA02J-121X	MG R	120Ω 1/10W	J	*
R0105	NRSA02J-151X	MG R	150Ω 1/10W	J	*
R0106	NRSA02J-181X	MG R	180Ω 1/10W	J	*
R0107	NRSA02J-221X	MG R	220Ω 1/10W	J	*
R0108	NRSA02J-102X	MG R	1kΩ 1/10W	J	*
R0109	NRSA02J-181X	MG R	180Ω 1/10W	J	*
R0111-12	NRSA02J-151X	MG R	150Ω 1/10W	J	*
R0113	NRSA02J-391X	MG R	390Ω 1/10W	J	*
R0114	NRSA02J-080X	MG R	0.0Ω 1/10W	J	*
R0116	NRSA02J-102X	MG R	1kΩ 1/10W	J	*
R0117	NRSA02J-332X	MG R	3.3kΩ 1/10W	J	*
R0120-24	NRSA02J-103X	MG R	10kΩ 1/10W	J	*
R0140	NRSA02J-474X	MG R	470kΩ 1/10W	J	*
R0141	NRSA02J-101X	MG R	100Ω 1/10W	J	*
R0142	NRSA02J-391X	MG R	390Ω 1/10W	J	*
R0143	NRSA02J-750X	MG R	75Ω 1/10W	J	*
R0144	NRSA02J-474X	MG R	470kΩ 1/10W	J	*
R0145	NRSA02J-332X	MG R	3.3kΩ 1/10W	J	*
R0146	NRSA02J-104X	MG R	100kΩ 1/10W	J	*
R0601	NRSA02J-822X	MG R	8.2kΩ 1/10W	J	*
R0602	NRSA02J-102X	MG R	1kΩ 1/10W	J	*
R0603	NRSA02J-104X	MG R	100kΩ 1/10W	J	*
R0604	NRSA02J-683X	MG R	68kΩ 1/10W	J	*
R0605-06	NRSA02J-392X	MG R	3.9kΩ 1/10W	J	*
R0607-08	NRSA02J-562X	MG R	5.6kΩ 1/10W	J	*
△ R0609	QRZ9017-470	FUSI.RESPITOR	47 Ω 1/4W	J	*

CAPACITOR

C0020-25	NCB21HK-472X	C CAP.	4700pF 50V K	*
C0030	NRSA02J-080X	MG R	0.0Ω 1/10W	J
C0040	NCB21HK-682X	C CAP.	6800pF 50V K	*
C0041	QETN1CH-107Z	E CAP.	100pF 16V M	*
C0042	NCB21HK-103X	C CAP.	0.01μF 50V K	*
C0043	QETN1CH-107Z	E CAP.	100pF 16V M	*
C0044	NCB21HK-103X	C CAP.	0.01μF 50V K	*
C0045	NCB21HK-472X	C CAP.	4700pF 50V K	*
C0046	NCB21HK-103X	C CAP.	0.01μF 50V K	*
C0047	QETN1CH-227Z	E CAP.	220pF 16V M	*

△	Symbol No.	Part No.	Part Name	Description	Local
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CAPACITOR

C0050	QETN1HM-105Z	E CAP.	1μF 50V M	*
C0051	NCB21HK-472X	C CAP.	4700pF 50V K	*
C0053	NDC21HJ-6R0X	C CAP.	6.0pF 50V J	*
C0054	NCB21HK-103X	C CAP.	0.01μF 50V M	*
C0055	QETN1CH-107Z	E CAP.	100pF 16V M	*
C0056	QETN1HM-474Z	E CAP.	0.47μF 50V M	*
C0057	NDC21HJ-102X	C CAP.	1000pF 50V J	*
C0058	NCB21HK-472X	C CAP.	4700pF 50V K	*
C0060	NDC21HJ-120X	C CAP.	12pF 50V J	*
C0061	NDC21HJ-7R0X	C CAP.	7.0pF 50V J	*
C0062	QETN1HM-474Z	E CAP.	0.47μF 50V M	*
C0063	NCB21HK-103X	C CAP.	0.01μF 50V K	*
C0064	NCB21HK-472X	C CAP.	4700pF 50V K	*
C0065	QETN1HM-105Z	E CAP.	1μF 50V M	*
C0067	NDC21HJ-120X	C CAP.	12pF 50V J	*
C0069-70	NCB21HK-103X	C CAP.	0.01μF 50V K	*
C0071	QETN1HM-336Z	E CAP.	33μF 50V	*
C0080-81	NCB21HK-472X	C CAP.	4700pF 50V K	*
C0101	QETN1CH-476Z	E CAP.	47μF 16V M	*
C0102	NDC21HJ-221X	C CAP.	220pF 50V J	*
C0103-04	NDC21HJ-121X	C CAP.	120pF 50V J	*
C0105	NCB21HK-103X	C CAP.	0.01μF 50V K	*
C0140	QETN1HM-335Z	E CAP.	3.3μF 50V M	*
C0141	NDC21HJ-561X	C CAP.	560pF 50V J	*
C0142	QETN1HM-105Z	E CAP.	1μF 50V M	*
C0143	QFLC1HJ-683Z	M CAP.	0.068μF 50V J	*
C0144	QETN1HM-335Z	E CAP.	3.3μF 50V M	*
C0145	NCB21HK-222X	C CAP.	2200pF 50V K	*
C0601	QFLC1HJ-183Z	M CAP.	0.018μF 50V J	*
C0602	QETN1CH-476Z	E CAP.	47μF 16V M	*
C0603	QETN1HM-106Z	E CAP.	10μF 50V M	*
C0604	QETN1HM-105Z	E CAP.	1μF 50V M	*
C0605	QETN1CH-477Z	E CAP.	470μF 16V M	*
C0606	NCB21HK-103X	C CAP.	0.01μF 50V K	*

TRANSFORMER

T0020	QQR0626-001	I.F. TRANSF.	*
T0050	CELT001-307	C.WAVE TRANSF.	*
T0051	CELT001-306	C.WAVE TRANSF.	*

COIL

L0020	QQLZ014-R47	PEAKING COIL	*
L0021	NQL011K-1R5X	COIL	1.5μH
L0040	NQL024J-120X	COIL	12μH
L0042	NQL024J-330X	COIL	33μH
L0050-53	NQL011K-8R2X	COIL	8.2μH
L0054	NQL024J-330X	COIL	33μH
L0070	NQL011K-5R6X	COIL	5.6μH
L0101	NQL011K-6R8X	COIL	6.8μH
L0102-03	NQL011K-100X	COIL	10μH
L0104	NQL011K-8R2X	COIL	8.2μH

DIODE

D0020-21	DAN235K-X	CHIP DIODE	
D0050-51	DAN235K-X	CHIP DIODE	

TRANSISTOR

Q0012	2SC5083/L-P/-T	SI.TRANSISTOR	*
Q0080	2SC2712/YG-X	SI.TRANSISTOR	*

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△ Symbol No.	Part No.	Part Name	Description	Local
TRANSISTOR				
Q0101	2SC2712/YG/-X	SI.TRANSISTOR	*	
Q0102	2SA1162/YG/-X	SI.TRANSISTOR	*	
Q0103	DTC144EKA-X	DIGI.TRANSISTOR	*	
Q0104	2SC2712/YG/-X	SI.TRANSISTOR	*	
Q0105	2SC2712/YG/-X	SI.TRANSISTOR	*	
Q0107	2SA1162/YG/-X	SI.TRANSISTOR	*	
Q0108	DTC144EKA-X	DIGI.TRANSISTOR	*	
Q0109-11	2SC2712/YG/-X	SI.TRANSISTOR	*	
Q0120-26	DTC144EKA-X	DIGI.TRANSISTOR	*	
Q0601-02	2SC2712/YG/-X	SI.TRANSISTOR	*	
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IC				
IC0010	TA8865BN	I.C.(MONO-ANA)	*	
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OTHERS				
CF0010-11	FTP40.40MF	CERAMIC FILTER	*	
CF0100	TP55.5MW	CERAMIC FILTER	*	
CF0140	CSB503F30-T2	CER. RESONATOR	*	
SF0010	QAX0531-001	SAW FILTER	*	
SF0011	CE4257A-702	SAW FILTER		
SF0012	QAX0574-001	SAW FILTER	*	
TC0052	QAT7004-100	TRIM. CAP.	10pF 100V	*
TC0059	QAT7004-100	TRIM. CAP.	10pF 100V	*
W0008	NRSA02J-OROX	MG R	0.0Ω 1/10W	J *
W0013	NRSA02J-OROX	MG R	0.0Ω 1/10W	J *
W0015	NRSA02J-OROX	MG R	0.0Ω 1/10W	J *
W0025-26	NRSA02J-OROX	MG R	0.0Ω 1/10W	J *
W0028-29	NRSA02J-OROX	MG R	0.0Ω 1/10W	J *
W0031-32	NRSA02J-OROX	MG R	0.0Ω 1/10W	J *
W0036	NRSA02J-OROX	MG R	0.0Ω 1/10W	J *
W0073-75	NRSA02J-OROX	MG R	0.0Ω 1/10W	J *
W0094-99	NRSA02J-OROX	MG R	0.0Ω 1/10W	J *
Y0002	NRSA02J-OROX	MG R	0.0Ω 1/10W	J *

AV TERMINAL PW BOARD ASS'Y (SMD0J001A-U2)

△ Symbol No.	Part No.	Part Name	Description	Local
RESISTOR				
R0104	QRE141J-750Y	C R	75Ω 1/4W J	*
R0106	QRE141J-750Y	C R	75Ω 1/4W J	*
R0108	QRE141J-750Y	C R	75Ω 1/4W J	*
R0112	QRE141J-750Y	C R	75Ω 1/4W J	*
R0204	QRE141J-750Y	C R	75Ω 1/4W J	*
R0304	QRE141J-750Y	C R	75Ω 1/4W J	*
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CAPACITOR				
C0102-04	QEKC1CM-106Z	E CAP.	10μF 16V M	
C0105-08	QCB31HK-472Z	C CAP.	4700pF 50V K	*
C0109	QETN1AM-108Z	E CAP.	1000μF 10V M	*
C0202	QCB31HK-103Z	C CAP.	0.01μF 50V K	*
C0203-06	QCB31HK-472Z	C CAP.	4700pF 50V K	*
C0209	QETN1AM-108Z	E CAP.	1000μF 10V M	*
C0302	QCB31HK-103Z	C CAP.	0.01μF 50V K	*
C0305-06	QCB31HK-472Z	C CAP.	4700pF 50V K	*
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COIL				
L0101-04	QQL211K-5R6Y	COIL	5.6μH	*
L0105	QR0716-001Z	LEAD CORE		
L0201-04	QQL211K-5R6Y	COIL	5.6μH	*
L0205	QR0716-001Z	LEAD CORE		
L0301-02	QQL211K-5R6Y	COIL	5.6μH	*
L0303	QR0716-001Z	LEAD CORE		
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DIODE				
D0101-04	MTZJ13B-T2	ZENER DIODE		*
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OTHERS				
CN0008	CHA401N-35R-J	HQF CONNECTOR		*
J0001-03	CE40529-006	SCART CONNECTOR		

P&P PW BOARD ASS'Y (SMD0P001A-U2)

△	Symbol No.	Part No.	Part Name	Description	Local
RESISTOR					
R0002	NRSA02J-104X	MG R	100kΩ 1/10W	J *	
R0003-06	NRSA02J-102X	MG R	1kΩ 1/10W	J *	
R0100	NRSA02J-472X	MG R	4.7kΩ 1/10W	J *	
R0101	NRSA02J-122X	MG R	1.2kΩ 1/10W	J *	
R0102	NRSA02J-331X	MG R	330Ω 1/10W	J *	
R0103	NRSA02J-680X	MG R	68Ω 1/10W	J *	
R0104	NRSA02J-330X	MG R	33Ω 1/10W	J *	
R0105-08	NRSA02J-103X	MG R	10kΩ 1/10W	J *	
R0109	NRSA02J-222X	MG R	2.2kΩ 1/10W	J *	
R0110-11	NRSA02J-0R0X	MG R	0.0Ω 1/10W	J *	
R0112	NRSA02J-122X	MG R	1.2kΩ 1/10W	J *	
R0113	NRSA02J-332X	MG R	3.3kΩ 1/10W	J *	
R0114	NRSA02J-474X	MG R	470kΩ 1/10W	J *	
R0115	NRSA02J-750X	MG R	75Ω 1/10W	J *	
R0116	NRSA02J-101X	MG R	100Ω 1/10W	J *	
R0117	NRSA02J-391X	MG R	390Ω 1/10W	J *	
R0118	NRSA02J-474X	MG R	470kΩ 1/10W	J *	
R0119	NRSA02J-471X	MG R	470Ω 1/10W	J *	
R0120	NRSA02J-562X	MG R	5.6kΩ 1/10W	J *	
R0121	NRSA02J-822X	MG R	8.2kΩ 1/10W	J *	
R0122	NRSA02J-121X	MG R	120Ω 1/10W	J *	
R0123	NRSA02J-470X	MG R	47Ω 1/10W	J *	
R0124	NRSA02J-121X	MG R	120Ω 1/10W	J *	
R0125	NRSA02J-561X	MG R	560Ω 1/10W	J *	
R0126-27	NRSA02J-150X	MG R	15Ω 1/10W	J *	
R0128	NRSA02J-332X	MG R	3.3kΩ 1/10W	J *	
R0130	NRSA02J-561X	MG R	560Ω 1/10W	J *	
R0131-32	NRSA02J-393X	MG R	39kΩ 1/10W	J *	
R0133	NRSA02J-272X	MG R	2.7kΩ 1/10W	J *	
R0134	NRSA02J-222X	MG R	2.2kΩ 1/10W	J *	
R0135	NRSA02J-273X	MG R	27kΩ 1/10W	J *	
R0136	NRSA02J-682X	MG R	6.8kΩ 1/10W	J *	
R0138-39	NRSA02J-473X	MG R	47kΩ 1/10W	J *	
R0140	NRSA02J-272X	MG R	2.7kΩ 1/10W	J *	
R0141	NRSA02J-104X	MG R	100kΩ 1/10W	J *	
R0142-43	NRSA02J-471X	MG R	470Ω 1/10W	J *	
R0144	NRSA02J-103X	MG R	10kΩ 1/10W	J *	
R0145	NRSA02J-332X	MG R	3.3kΩ 1/10W	J *	
R0146	NRSA02J-222X	MG R	2.2kΩ 1/10W	J *	
R0160	NRSA02J-103X	MG R	10kΩ 1/10W	J *	
R0161	NRSA02J-121X	MG R	120Ω 1/10W	J *	
R0162	NRSA02J-102X	MG R	1kΩ 1/10W	J *	
R0163	NRSA02J-151X	MG R	150Ω 1/10W	J *	
R0164	NRSA02J-221X	MG R	220Ω 1/10W	J *	
R0165	NRSA02J-181X	MG R	180Ω 1/10W	J *	
R0166	NRSA02J-102X	MG R	1kΩ 1/10W	J *	
R0167	NRSA02J-181X	MG R	180Ω 1/10W	J *	
R0169	NRSA02J-0R0X	MG R	0.0Ω 1/10W	J *	
△ R0170	NRSA02J-222X	MG R	2.2kΩ 1/10W	J *	
R0172	NRSA02J-471X	MG R	470Ω 1/10W	J *	
R0173	NRSA02J-472X	MG R	4.7kΩ 1/10W	J *	
R0174-76	NRSA02J-561X	MG R	560Ω 1/10W	J *	
R0178	NRSA02J-152X	MG R	1.5kΩ 1/10W	J *	
R0181	NRSA02J-561X	MG R	560Ω 1/10W	J *	
R0182	NRSA02J-103X	MG R	10kΩ 1/10W	J *	
R0183	NRSA02J-332X	MG R	3.3kΩ 1/10W	J *	
R0185	NRSA02J-561X	MG R	560Ω 1/10W	J *	
R0301	NRSA02J-153X	MG R	15kΩ 1/10W	J *	
R0302	NRSA02J-823X	MG R	82kΩ 1/10W	J *	
R0303-04	NRSA02J-101X	MG R	100Ω 1/10W	J *	
R0305-07	NRSA02J-103X	MG R	10kΩ 1/10W	J *	
R0601	NRSA02J-102X	MG R	1kΩ 1/10W	J *	
R0602	NRSA02J-822X	MG R	8.2kΩ 1/10W	J *	
△ R0603	QR29017-470	FUSI.RESISTOR	47 Ω 1/4W	J *	
R0604	NRSA02J-104X	MG R	100kΩ 1/10W	J *	
R0605	NRSA02J-683X	MG R	68kΩ 1/10W	J *	

Symbol No.	Part No.	Part Name	Description	Local
RESISTOR				
R0606	NRSA02J-272X	MG R	2.7kΩ 1/10W	J *
R0607	NRSA02J-392X	MG R	3.9kΩ 1/10W	J *
R0608	NRSA02J-822X	MG R	8.2kΩ 1/10W	J *
R0609	NRSA02J-562X	MG R	5.6kΩ 1/10W	J *
R0801-02	NRSA02J-820X	MG R	82Ω 1/10W	J *
R0803	NRSA02J-103X	MG R	10kΩ 1/10W	J *
R0804-09	NRSA02J-101X	MG R	100Ω 1/10W	J *
R0810-11	NRSA02J-393X	MG R	39kΩ 1/10W	J *
R0814-17	NRSA02J-OR0X	MG R	0.0Ω 1/10W	J *
R0820-23	NRSA02J-103X	MG R	10kΩ 1/10W	J *
R0824	NRSA02J-222X	MG R	2.2kΩ 1/10W	J *
R0825	NRSA02J-102X	MG R	1kΩ 1/10W	J *
R0826	NRSA02J-222X	MG R	2.2kΩ 1/10W	J *
R0827	NRSA02J-OR0X	MG R	0.0Ω 1/10W	J *
R0828	NRSA02J-331X	MG R	330Ω 1/10W	J *
R0829	NRSA02J-222X	MG R	2.2kΩ 1/10W	J *
R0830	NRSA02J-OR0X	MG R	0.0Ω 1/10W	J *
R0831	NRSA02J-150X	MG R	15Ω 1/10W	J *
R0832	NRSA02J-151X	MG R	150Ω 1/10W	J *
R0833	NRSA02J-182X	MG R	1.8kΩ 1/10W	J *
R0834	NRSA02J-OR0X	MG R	0.0Ω 1/10W	J *
R0835	NRSA02J-150X	MG R	15Ω 1/10W	J *
R0836	NRSA02J-151X	MG R	150Ω 1/10W	J *
R0837	NRSA02J-332X	MG R	3.3kΩ 1/10W	J *
R0838	NRSA02J-OR0X	MG R	0.0Ω 1/10W	J *
R0839	NRSA02J-222X	MG R	2.2kΩ 1/10W	J *
R0840	NRSA02J-822X	MG R	8.2kΩ 1/10W	J *
R0841	NRSA02J-103X	MG R	10kΩ 1/10W	J *
R0842	NRSA02J-562X	MG R	5.6kΩ 1/10W	J *
R0843	NRSA02J-472X	MG R	4.7kΩ 1/10W	J *
R0844	NRSA02J-222X	MG R	2.2kΩ 1/10W	J *
R0845-48	NRSA02J-221X	MG R	220Ω 1/10W	J *
R0849	NRSA02J-222X	MG R	2.2kΩ 1/10W	J *
R0850	NRSA02J-101X	MG R	100Ω 1/10W	J *
R0851	NRSA02J-153X	MG R	15kΩ 1/10W	J *
R0852	NRSA02J-472X	MG R	4.7kΩ 1/10W	J *
R0853-54	NRSA02J-102X	MG R	1kΩ 1/10W	J *
R0855	NRSA02J-223X	MG R	22kΩ 1/10W	J *
R0856-58	NRSA02J-473X	MG R	47kΩ 1/10W	J *
R0859-62	NRSA02J-562X	MG R	5.6kΩ 1/10W	J *
R0867-68	NRSA02J-101X	MG R	100Ω 1/10W	J *
R0869-71	NRSA02J-820X	MG R	82Ω 1/10W	J *
R0872-74	NRSA02J-821X	MG R	820Ω 1/10W	J *
R0875-99	NRSA02J-820X	MG R	82Ω 1/10W	J *
R0900-04	NRSA02J-820X	MG R	82Ω 1/10W	J *
CAPACITOR				
C0001	NCB21HK-222X	C CAP.	2200pF 50V	K *
C0002	NEH71CM-106X	E CAP.	10μF 16V	M
C0003	NEHE1CM-227X	E CAP.	220μF 16V	M
C0004-05	NCF21EZ-104X	C CAP.	0.1μF 25V	Z *
C0006	QETM1HM-107	E CAP.	100μF 50V	M *
C0007	NEHE1EM-107X	E CAP.	100μF 25V	M
C0008	NCF21EZ-104X	C CAP.	0.1μF 25V	Z *
C0009	NCB21HK-102X	C CAP.	1000pF 50V	K *
C0100	NEHE1CM-227X	E CAP.	220μF 16V	M
C0102-07	NCB21HK-472X	C CAP.	4700pF 50V	K *
C0110	NCB21HK-222X	C CAP.	2200pF 50V	K
C0111	NEH71HM-335X	E CAP.	3.3μF 50V	M
C0112	QFLB1HJ-683	M CAP.	0.068μF 50V	J *
C0113	NEH71HM-105X	E CAP.	1μF 50V	M *
C0114	NDC21HM-561X	C CAP.	560pF 50V	J *
C0115	NEH71HM-335X	E CAP.	3.3μF 50V	M
C0116	NEHE1EM-107X	E CAP.	100μF 25V	H
C0117	NCB21HK-103X	C CAP.	0.01μF 50V	K *

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△	Symbol No.	Part No.	Part Name	Description	Local	△	Symbol No.	Part No.	Part Name	Description	Local							
CAPACITOR																		
C0118	NCB21HK-682X	C CAP.	6800pF	50V	K	*	C0853	NEH71CM-106X	E CAP.	10μF	16V	M						
C0119	NCB21HK-103X	C CAP.	0.01μF	50V	K	*	C0854-55	NCB21EK-104X	C CAP.	0.1μF	25V	K	*					
C0120	NEH71HM-105X	C CAP.	1μF	50V	M	*	C0856	NEH71CM-476X	E CAP.	47μF	16V	M						
C0121	NCB21HK-472X	C CAP.	4700pF	50V	K	*	C0857	NEH71EM-475X	E CAP.	4.7μF	25V	M						
C0123	NEHE1EM-107X	E CAP.	100pF	25V	M	*	C0858	NCF21EZ-104X	C CAP.	0.1μF	25V	Z	*					
C0124	NCB21HK-103X	C CAP.	0.01μF	50V	K	*	C0859	NDC21HJ-220X	C CAP.	22pF	50V	J	*					
C0126	NCB21HK-103X	C CAP.	0.01μF	50V	K	*	C0860	NDC21HJ-680X	C CAP.	68pF	50V	J	*					
C0127	NDC21HJ-7R0X	C CAP.	7.0pF	50V	J	*	C0861	NDC21HJ-220X	C CAP.	22pF	50V	J	*					
C0128	NDC21HJ-100X	C CAP.	10pF	50V	J	*	C0862-64	NDC21HJ-680X	C CAP.	68pF	50V	J	*					
C0129	QETM1CM-107	E CAP.	100μF	16V	M	*	C0865	NEH71CM-106X	E CAP.	10μF	16V	M						
C0130	NDC21HJ-102X	C CAP.	1000pF	50V	J	*	C0866-71	NCF21EZ-104X	C CAP.	0.1μF	25V	Z	*					
C0131	NEH71HM-474X	E CAP.	0.47μF	50V	M	*	C0872	NCB21HK-104X	CHIP CAP.	0.1μF	50V	K	*					
C0132	NDC21HJ-680X	C CAP.	6.0pF	50V	J	*	C0873	NCF21EZ-104X	C CAP.	0.1μF	25V	Z	*					
C0133	NCB21HK-472X	C CAP.	4700pF	50V	K	*	C0874	NCB21HK-104X	CHIP CAP.	0.1μF	50V	K	*					
C0134	NRSA02J-0R0X	MG R	0.0Ω	1/10W	J	*	C0875	NEN51HM-105X	CHIP AL BP E CAP	1μF	50V	M						
C0135	NEH71EM-336X	E CAP.	33μF	25V	M	*	C0876	NDC21HJ-221X	C CAP.	220pF	50V	J	*					
C0136	NCB21HK-103X	C CAP.	0.01μF	50V	K	*	C0877	NEH71CM-106X	E CAP.	10μF	16V	M						
C0137	NCB21HK-472X	C CAP.	4700pF	50V	K	*	TRANSFORMER											
C0138	NEH71HM-474X	E CAP.	0.47μF	50V	M	*	T0001	QQR0626-001	I.F. TRANSF.				*					
C0140	NCB21HK-103X	C CAP.	0.01μF	50V	K	*	T0101	CELT001-306	C.WAVE TRANSF.				*					
C0141	NDC21HJ-120X	C CAP.	12pF	50V	J	*	T0102	CELT040-301	S.I.F. TRANSF.				*					
C0142	NCB21HK-103X	C CAP.	0.01μF	50V	K	*	T0103	CELT001-307	C.WAVE TRANSF.				*					
C0143-44	NCB21HK-472X	C CAP.	4700pF	50V	K	*	COIL											
C0145	NCF21EZ-104X	C CAP.	0.1μF	25V	Z	*	L0001	NQL02BJ-330X	COIL	33μH			*					
C0148	NCB21HK-472X	C CAP.	4700pF	50V	K	*	L0002-05	NQL024J-100X	COIL	10μH			*					
C0149	NCF21EZ-104X	C CAP.	0.1μF	25V	Z	*	L0100	QQL014-R47	PEAKING COIL	0.47μH			*					
C0152	NDC21HJ-121X	C CAP.	120pF	50V	J	*	L0102	NQL011K-1R5X	COIL	1.5μH			*					
C0154-55	NCF21EZ-104X	C CAP.	0.1μF	25V	Z	*	L0103	NQL024J-120X	COIL	12μH			*					
C0160	NEH71CM-476X	E CAP.	47μF	16V	M	*	L0104-06	NQL011K-8R2X	COIL	8.2μH			*					
C0161	NDC21HJ-221X	C CAP.	220pF	50V	J	*	L0108	NQL011K-8R2X	COIL	8.2μH			*					
C0162	NCB21HK-103X	C CAP.	0.01μF	50V	K	*	L0109	NQL011K-5R6X	COIL	5.6μH			*					
C0163	NEHE1EM-107X	E CAP.	100μF	25V	M	*	L0151-52	NQL011K-100X	COIL	10μH			*					
C0164-67	NCB21HK-103X	C CAP.	0.01μF	50V	K	*	L0160	NQL011K-100X	COIL	10μH			*					
C0304	NCB21HK-332X	C CAP.	3300pF	50V	K	*	L0165	NQL011K-4R7X	COIL	4.7μH			*					
C0305	NCF21EZ-474X	C CAP.	0.47μF	25V	Z	*	L0801	NQL02BJ-4R7X	COIL	4.7μH			*					
C0306	NEN51HM-105X	CHIP AL BP E CAP	1μF	50V	M	*	L0803	NQL011K-4R7X	COIL	4.7μH			*					
C0307	NCF21EZ-104X	C CAP.	0.1μF	25V	Z	*	L0804	NQL02BJ-4R7X	COIL	4.7μH			*					
C0308	NCB21HK-332X	C CAP.	3300pF	50V	K	*	L0805-06	NQL011K-4R7X	COIL	4.7μH			*					
C0309	NCF21EZ-104X	C CAP.	0.1μF	25V	Z	*	DIODE											
C0310-11	NDC21HJ-150X	C CAP.	15pF	50V	J	*	D0100-03	DAN235K-X	CHIP DIODE				*					
C0312-16	NCF21EZ-104X	C CAP.	0.1μF	25V	Z	*	TRANSISTOR											
C0317	QETM1AM-477	E CAP.	470μF	10V	M	*	Q0100	2SC5083/L-P-T	SI. TRANSISTOR				*					
C0318-20	NCF21EZ-104X	C CAP.	0.1μF	25V	Z	*	Q0101-04	DTC144EKA-X	DIGI. TRANSISTOR				*					
C0321-23	NEH71CM-476X	E CAP.	47μF	16V	M	*	Q0105	2SC2712/YG/-X	SI. TRANSISTOR				*					
C0601	NCB21HK-183X	C CAP.	0.018μF	50V	K	*	Q0106-07	DTC144EKA-X	DIGI. TRANSISTOR				*					
C0602	QETM1CM-477	E CAP.	470μF	16V	M	*	Q0108	2SC2712/YG/-X	SI. TRANSISTOR				*					
C0603	NCB21HK-103X	C CAP.	0.01μF	50V	K	*	Q0109	DTC144EKA-X	DIGI. TRANSISTOR				*					
C0604	NEH71CM-476X	E CAP.	47μF	16V	M	*	Q0110	2SC2712/YG/-X	SI. TRANSISTOR				*					
C0605	NEH71CM-106X	E CAP.	10μF	16V	M	*	Q0111-12	DTC323TK-X	DIGI. TRANSISTOR				*					
C0606	NEH71HM-105X	E CAP.	1μF	50V	M	*	Q0160	DTC144EKA-X	DIGI. TRANSISTOR				*					
C0607	NCB21HK-223X	C CAP.	0.022μF	50V	K	*	Q0161	2SC2712/YG/-X	SI. TRANSISTOR				*					
C0800	NEH71CM-106X	E CAP.	10μF	16V	M	*	Q0162	2SA1162/YG/-X	SI. TRANSISTOR				*					
C0801	NEH71CM-476X	E CAP.	47μF	16V	M	*	Q0163	DTC144EKA-X	DIGI. TRANSISTOR				*					
C0802-03	NCF21EZ-104X	C CAP.	0.1μF	25V	Z	*	Q0164	2SC2712/YG/-X	SI. TRANSISTOR				*					
C0804	NCB21HK-104X	CHIP CAP.	0.1μF	50V	K	*	Q0166	2SA1162/YG/-X	SI. TRANSISTOR				*					
C0805-08	NCF21EZ-104X	C CAP.	0.1μF	25V	Z	*	Q0167	DTC144EKA-X	DIGI. TRANSISTOR				*					
C0809	NCB21HK-104X	CHIP CAP.	0.1μF	50V	K	*	Q0169	2SC2712/YG/-X	SI. TRANSISTOR				*					
C0813-14	NCF21EZ-104X	C CAP.	0.1μF	25V	Z	*	Page 51550											
C0817	NCB21HK-104X	CHIP CAP.	0.1μF	50V	K	*	Page 51550											
C0818	NCF21EZ-104X	C CAP.	0.1μF	25V	Z	*	Page 51550											
C0822-26	NCF21EZ-104X	C CAP.	0.1μF	25V	Z	*	Page 51550											
C0829-36	NCF21EZ-104X	C CAP.	0.1μF	25V	Z	*	Page 51550											
C0837-38	NEH71CM-476X	E CAP.	47μF	16V	M	*	Page 51550											
C0844	NCF21EZ-104X	C CAP.	0.1μF	25V	Z	*	Page 51550											
C0845	NEH71CM-476X	E CAP.	47μF	16V	M	*	Page 51550											
C0846	NDC21HJ-220X	C CAP.	22pF	50V	J	*	Page 51550											
C0850	NEH71CM-106X	E CAP.	10μF	16V	M	*	Page 51550											
C0851-52	NCB21EK-104X	C CAP.	0.1μF	25V	K	*	Page 51550											

△ Symbol No.	Part No.	Part Name	Description	Local
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TRANSISTOR

Q0170	DTC144EKA-X	DIGI.TRANSISTOR	*	
Q0171	2SC2712/YG/-X	SI.TRANSISTOR	*	
Q0600-01	2SC2712/YG/-X	SI.TRANSISTOR	*	
Q0801-04	2SA1162/YG/-X	SI.TRANSISTOR	*	
Q0805	2SC2712/YG/-X	SI.TRANSISTOR	*	
Q0806-07	2SA1162/YG/-X	SI.TRANSISTOR	*	
Q0808-09	2SC2712/YG/-X	SI.TRANSISTOR	*	
Q0810	2SA1162/YG/-X	SI.TRANSISTOR	*	

IC

IC0101	TA8865BN	I.C.(MONO-ANA)	*	
IC0102	LA7975	I.C.(MONO-ANA)	*	
IC0301	TDA9143/N2/S1	I.C.(MONO-ANA)	*	
IC0302	TDA4665	I.C.(MONO-ANA)	*	
IC0303	LA7016	I.C.(MONO-ANA)	*	
IC0801	SAB9079	I.C.	*	
IC0802	MSH5416283-60-X	4M VD-RAM	*	
IC0803	AN5860	I.C.(MONO-ANA)	*	
IC0804	TC4066BF/N/-XE	I.C.	*	
IC0805	CXA1875AM-X	I.C.(MONO-ANA)	*	

OTHERS

LC03835-001A-U	SHIELD COVER	*		
CF0101	CSB503F30-T2	CER.RESONATOR	*	
CF0102-03	FTP40.40MF	CERAMIC FILTER	*	
CF0160	TPS5.5MW	CERAMIC FILTER	*	
CF0162	QAX0336-001	CERAMIC FILTER	*	
CF0164-65	QAX0337-001	CERAMIC FILTER	*	
CF0166	CSB503E5	CER.RESONATOR	*	
CF0168	QAX0338-001	CERAMIC FILTER	*	
K0001-02	CE41433-001Z	BEADS CORE	*	
SF0100	QAX0531-001	SAW FILTER	*	
SF0101	CE42574-702	SAW FILTER	*	
SF0102	QAX0574-001	SAW FILTER	*	
TC0122	QAT7004-100	TRIM. CAP.	10p F 100V	*
TC0139	QAT7004-100	TRIM. CAP.	10p F 100V	*
TU0001	CEEK481-A03	TUNER	*	
UD0001	CEGA016-001	RF SPLITTER	*	
W0001	NRSA02J-0R0X	MG R	0.0Ω 1/10W J	*
X0301	CE40749-001JJ1	CRYSTAL	*	
X0302	CE40668-001	CRYSTAL	*	
Y0107	NRSA02J-224X	MG R	220kΩ 1/10W J	*
Y0108-09	NRSA02J-0R0X	MG R	0.0Ω 1/10W J	*

SUB MICON & AUTO PANORAMA PW BOARD ASS'Y (SMD0W001A-U2)

△ Symbol No.	Part No.	Part Name	Description	Local
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RESISTOR

R0001	NRSA02J-101X	MG R	100Ω 1/10W J	*
R0002	NRSA02J-104X	MG R	100kΩ 1/10W J	*
R0003	NRSA02J-393X	MG R	39kΩ 1/10W J	*
R0004	NRSA02J-332X	MG R	3.3kΩ 1/10W J	*
R0005-07	NRSA02J-102X	MG R	1kΩ 1/10W J	*
R0008	NRSA02J-472X	MG R	4.7kΩ 1/10W J	*
R0009	NRSA02J-331X	MG R	330Ω 1/10W J	*
R0010	NRSA02J-102X	MG R	1kΩ 1/10W J	*
R0011	NRSA02J-332X	MG R	3.3kΩ 1/10W J	*
R0012	NRSA02J-272X	MG R	2.7kΩ 1/10W J	*
R0020-26	NRSA02J-102X	MG R	1kΩ 1/10W J	*
R0045	NRSA02J-472X	MG R	4.7kΩ 1/10W J	*
R0051	NRSA02J-472X	MG R	4.7kΩ 1/10W J	*
R0054	NRSA02J-103X	MG R	10kΩ 1/10W J	*
R0060	NRSA02J-823X	MG R	82kΩ 1/10W J	*
R0751	NRSA02J-102X	MG R	1kΩ 1/10W J	*
R0752-57	NRSA02J-103X	MG R	10kΩ 1/10W J	*
R0758	NRSA02J-472X	MG R	4.7kΩ 1/10W J	*
R0759-60	NRSA02J-103X	MG R	10kΩ 1/10W J	*
R0761-66	NRSA02J-822X	MG R	8.2kΩ 1/10W J	*

CAPACITOR

C0001	NEN51AM-336X	CHIP AL BP E CAP	33μF 10V M	
C0002	NDC21HJ-221X	C CAP.	220pF 50V J	*
C0003	NDC21HJ-220X	C CAP.	22pF 50V J	*
C0004-05	NCB21HK-104X	CHIP CAP.	0.1μF 50V K	*
C0006	NEH71CM-476X	E CAP.	47μF 16V M	
C0009	NEH71CM-106X	E CAP.	10μF 16V M	
C0010-11	NCB21HK-104X	CHIP CAP.	0.1μF 50V K	*
C0751	NEH71CM-476X	E CAP.	47μF 16V M	
C0752-57	NCB21HK-104X	CHIP CAP	0.1μF 50V K	*

DIODE

D0005	MA3051/M/-X	ZENER DIODE	*
D0751	MA111-X	SI.DIODE	*
D0752-53	MA3062/M/-X	ZENER DIODE	*

TRANSISTOR

Q0001-02	2SC2412K/QR/-X	SI.TRANSISTOR	*
Q0003	2SA1037K/QR/-X	SI.TRANSISTOR	*
Q0004-05	2SC2412K/QR/-X	SI.TRANSISTOR	*
Q0751-52	2SC2712/YG/-X	SI.TRANSISTOR	*

IC

IC0001	JCC5035	I C	*
IC0002	MN1382/Q/-X	I.C.(MONO-ANA)	*
IC0751	SAB-C161RI	I C	*
IC0752	MX23C4000PC10MD	IC	*
IC0753	AT24C16N-10SC	I C	*

OTHERS

X0001	CEMS007-032	IC SOCKET	
X0751	CE42564-001Y	CER. RESONATOR	
X0751	QAX0534-001	C RESONATOR	

100Hz PW BOARD ASS'Y (SMD0Z001A-U2)

△	Symbol No.	Part No.	Part Name	Description	Local
RESISTOR					
R0001-02	NRSA02J-101X	MG R	100Ω 1/10W	J *	
R0004	NRSA02J-222X	MG R	2.2kΩ 1/10W	J *	
R0005	NRSA02J-472X	MG R	4.7kΩ 1/10W	J *	
R0101	NRSA02J-101X	MG R	100Ω 1/10W	J *	
R0102	NRSA02J-102X	MG R	1kΩ 1/10W	J *	
R0103	NRSA02J-331X	MG R	330Ω 1/10W	J *	
R0104	NRSA02J-222X	MG R	2.2kΩ 1/10W	J *	
R0105	NRSA02J-473X	MG R	47kΩ 1/10W	J *	
R0106	NRSA02J-273X	MG R	27kΩ 1/10W	J *	
R0107	NRSA02J-331X	MG R	330Ω 1/10W	J *	
R0108	NRSA02J-181X	MG R	180Ω 1/10W	J *	
R0109-10	NRSA02J-101X	MG R	100Ω 1/10W	J *	
R0111	NRSA02J-222X	MG R	2.2kΩ 1/10W	J *	
R0112	NRSA02J-101X	MG R	100Ω 1/10W	J *	
R0113	NRSA02J-471X	MG R	470Ω 1/10W	J *	
R0114	NRSA02J-221X	MG R	220Ω 1/10W	J *	
R0121	NRSA02J-101X	MG R	100Ω 1/10W	J *	
R0122	NRSA02J-102X	MG R	1kΩ 1/10W	J *	
R0123	NRSA02J-331X	MG R	330Ω 1/10W	J *	
R0124	NRSA02J-222X	MG R	2.2kΩ 1/10W	J *	
R0125	NRSA02J-473X	MG R	47kΩ 1/10W	J *	
R0126	NRSA02J-273X	MG R	27kΩ 1/10W	J *	
R0127	NRSA02J-271X	MG R	270Ω 1/10W	J *	
R0128	NRSA02J-181X	MG R	180Ω 1/10W	J *	
R0129	NRSA02J-101X	MG R	100Ω 1/10W	J *	
R0130	NRSA02J-330X	MG R	33Ω 1/10W	J *	
R0131	NRSA02J-222X	MG R	2.2kΩ 1/10W	J *	
R0132	NRSA02J-101X	MG R	100Ω 1/10W	J *	
R0133	NRSA02J-471X	MG R	470Ω 1/10W	J *	
R0134	NRSA02J-221X	MG R	220Ω 1/10W	J *	
R0141	NRSA02J-101X	MG R	100Ω 1/10W	J *	
R0142	NRSA02J-102X	MG R	1kΩ 1/10W	J *	
R0143	NRSA02J-331X	MG R	330Ω 1/10W	J *	
R0144	NRSA02J-222X	MG R	2.2kΩ 1/10W	J *	
R0145	NRSA02J-473X	MG R	47kΩ 1/10W	J *	
R0146	NRSA02J-273X	MG R	27kΩ 1/10W	J *	
R0147	NRSA02J-271X	MG R	270Ω 1/10W	J *	
R0148	NRSA02J-181X	MG R	180Ω 1/10W	J *	
R0149	NRSA02J-101X	MG R	100Ω 1/10W	J *	
R0150	NRSA02J-150X	MG R	15Ω 1/10W	J *	
R0151	NRSA02J-222X	MG R	2.2kΩ 1/10W	J *	
R0152	NRSA02J-101X	MG R	100Ω 1/10W	J *	
R0153	NRSA02J-471X	MG R	470Ω 1/10W	J *	
R0154	NRSA02J-221X	MG R	220Ω 1/10W	J *	
R0155	NRSA02J-100X	MG R	10Ω 1/10W	J *	
R0156	NRSA02J-122X	MG R	1.2kΩ 1/10W	J *	
R0157	NRSA02J-560X	MG R	56Ω 1/10W	J *	
R0158	NRSA02J-680X	MG R	68Ω 1/10W	J *	
R0159	NRSA02J-101X	MG R	100Ω 1/10W	J *	
R0160	NRSA02J-333X	MG R	33kΩ 1/10W	J *	
R0161	NRSA02J-223X	MG R	22kΩ 1/10W	J *	
R0162	NRSA02J-122X	MG R	1.2kΩ 1/10W	J *	
R0163	NRSA02J-181X	MG R	180Ω 1/10W	J *	
R0164	NRSA02J-680X	MG R	68Ω 1/10W	J *	
R0165	NRSA02J-0R0X	MG R	0.0Ω 1/10W	J *	
R0171	NRSA02J-101X	MG R	100Ω 1/10W	J *	
R0172	NRSA02J-102X	MG R	1kΩ 1/10W	J *	
R0173	NRSA02J-182X	MG R	1.8kΩ 1/10W	J *	
R0174	NRSA02J-560X	MG R	56Ω 1/10W	J *	
R0175	NRSA02J-105X	MG R	1MΩ 1/10W	J *	
R0176	NRSA02J-681X	MG R	680Ω 1/10W	J *	
R0177	NRSA02J-104X	MG R	100kΩ 1/10W	J *	
R0178	NRSA02J-101X	MG R	100Ω 1/10W	J *	
R0179	NRSA02J-471X	MG R	470Ω 1/10W	J *	
R0180	NRSA02J-102X	MG R	1kΩ 1/10W	J *	
R0181-82	NRSA02F-392X	MG R	3.9kΩ 1/10W	F	

△	Symbol No.	Part No.	Part Name	Description	Local
RESISTOR					
R0183-84	NRSA02J-122X	MG R	1.2kΩ 1/10W	J *	
R0185	NRSA02F-392X	MG R	3.9kΩ 1/10W	F	
R0186	NRSA02F-332X	MG R	3.3kΩ 1/10W	F	
R0187	NRSA02J-101X	MG R	100Ω 1/10W	J *	
R0188	NRSA02J-563X	MG R	56kΩ 1/10W	J *	
R0189	NRSA02J-470X	MG R	47Ω 1/10W	J *	
R0190	NRSA02J-102X	MG R	1kΩ 1/10W	J *	
R0191	NRSA02J-223X	MG R	22kΩ 1/10W	J *	
R0192	NRSA02J-220X	MG R	22Ω 1/10W	J *	
R0193	NRSA02J-104X	MG R	100kΩ 1/10W	J *	
R0201-16	NRSA02J-101X	MG R	100Ω 1/10W	J *	
R0221-36	NRSA02J-101X	MG R	100Ω 1/10W	J *	
R0303-18	NRSA02J-101X	MG R	100Ω 1/10W	J *	
R0401	NRSA02J-103X	MG R	10kΩ 1/10W	J *	
R0403	NRSA02J-223X	MG R	22kΩ 1/10W	J *	
R0404	NRSA02J-222X	MG R	2.2kΩ 1/10W	J *	
R0406	NRSA02J-102X	MG R	1kΩ 1/10W	J *	
R0408	NRSA02J-561X	MG R	560Ω 1/10W	J *	
R0409	NRSA02J-102X	MG R	1kΩ 1/10W	J *	
R0411	NRSA02J-0R0X	MG R	0.0Ω 1/10W	J *	
R0412	NRSA02J-561X	MG R	560Ω 1/10W	J *	
R0413	NRSA02J-101X	MG R	100Ω 1/10W	J *	
R0415	NRSA02J-151X	MG R	150Ω 1/10W	J *	
R0417	NRSA02J-102X	MG R	1kΩ 1/10W	J *	
R0418	NRSA02J-220X	MG R	22Ω 1/10W	J *	
R0419	NRSA02J-101X	MG R	100Ω 1/10W	J *	
R0420	NRSA02J-471X	MG R	470Ω 1/10W	J *	
R0423	NRSA02J-393X	MG R	39kΩ 1/10W	J *	
R0425	NRSA02J-0R0X	MG R	0.0Ω 1/10W	J *	
R0426	NRSA02J-122X	MG R	1.2kΩ 1/10W	J *	
R0428	NRSA02J-472X	MG R	4.7kΩ 1/10W	F	
R0429	NRSA02F-333X	MG R	33kΩ 1/10W	F	
R0431	NRSA02J-0R0X	MG R	0.0Ω 1/10W	J *	
R0432	NRSA02J-561X	MG R	560Ω 1/10W	J *	
R0433	NRSA02J-101X	MG R	100Ω 1/10W	J *	
R0435	NRSA02J-151X	MG R	150Ω 1/10W	J *	
R0437	NRSA02J-102X	MG R	1kΩ 1/10W	J *	
R0438	NRSA02J-220X	MG R	22Ω 1/10W	J *	
R0439	NRSA02J-101X	MG R	100Ω 1/10W	J *	
R0440	NRSA02J-471X	MG R	470Ω 1/10W	J *	
R0441	NRSA02J-122X	MG R	1.2kΩ 1/10W	J *	
R0442	NRSA02F-472X	MG R	4.7kΩ 1/10W	F	
R0443	NRSA02F-333X	MG R	33kΩ 1/10W	F	
R0451	NRSA02J-0R0X	MG R	0.0Ω 1/10W	J *	
R0452	NRSA02J-561X	MG R	560Ω 1/10W	J *	
R0453	NRSA02J-101X	MG R	100Ω 1/10W	J *	
R0455	NRSA02J-151X	MG R	150Ω 1/10W	J *	
R0457	NRSA02J-102X	MG R	1kΩ 1/10W	J *	
R0458	NRSA02J-220X	MG R	22Ω 1/10W	J *	
R0459	NRSA02J-101X	MG R	100Ω 1/10W	J *	
R0460	NRSA02J-471X	MG R	470Ω 1/10W	J *	
R0461	NRSA02J-122X	MG R	1.2kΩ 1/10W	J *	
R0462	NRSA02F-472X	MG R	4.7kΩ 1/10W	F	
R0463	NRSA02F-333X	MG R	33kΩ 1/10W	F	
R0471	NRSA02J-0R0X	MG R	0.0Ω 1/10W	J *	
R0472	NRSA02J-391X	MG R	390Ω 1/10W	J *	
R0473	NRSA02J-101X	MG R	100Ω 1/10W	J *	
R0475	NRSA02J-330X	MG R	33Ω 1/10W	J *	
R0476	NRSA02J-122X	MG R	1.2kΩ 1/10W	J *	
R0477	NRSA02J-102X	MG R	1kΩ 1/10W	J *	
R0478	NRSA02J-220X	MG R	22Ω 1/10W	J *	
R0479	NRSA02J-101X	MG R	100Ω 1/10W	J *	
R0480	NRSA02J-271X	MG R	270Ω 1/10W	J *	
R0486	NRSA02J-683X	MG R	68kΩ 1/10W	J *	
R0487	NRSA02J-103X	MG R	10kΩ 1/10W	J *	
R0488	NRSA02J-223X	MG R	22kΩ 1/10W	J *	

△	Symbol No.	Part No.	Part Name	Description	Local
RESISTOR					

R0489	NRSA02J-562X	MG R	5.6kΩ 1/10W	J *	
R0491-92	NRSA02J-102X	MG R	1kΩ 1/10W	J *	
R0501	NRSA02J-333X	MG R	33kΩ 1/10W	J *	
R0504	NRSA02J-472X	MG R	4.7kΩ 1/10W	J *	
R0505	NRSA02J-272X	MG R	2.7kΩ 1/10W	J *	
R0506	NRSA02J-472X	MG R	4.7kΩ 1/10W	J *	
R0507	NRSA02J-0R0X	MG R	0.0Ω 1/10W	J *	
R0512	NRSA02J-103X	MG R	10kΩ 1/10W	J *	
R0514-15	NRSA02J-682X	MG R	6.8kΩ 1/10W	J *	
R0516	NRSA02J-0R0X	MG R	0.0Ω 1/10W	J *	
R0602-03	NRSA02J-680X	MG R	68Ω 1/10W	J *	
R0604	QRN143J-221X	C R	220Ω 1/4W	J *	
R0606	NRSA02J-680X	MG R	68Ω 1/10W	J *	
R0607-08	NRSA02J-0R0X	MG R	0.0Ω 1/10W	J *	
R0609	NRSA02J-100X	MG R	10Ω 1/10W	J *	
R0610	NRSA02J-0R0X	MG R	0.0Ω 1/10W	J *	
R0611	NRSA02J-100X	MG R	10Ω 1/10W	J *	
R0612-13	NRSA02J-560X	MG R	56Ω 1/10W	J *	
R0614	NRSA02J-100X	MG R	10Ω 1/10W	J *	
R0615	NRSA02J-822X	MG R	8.2kΩ 1/10W	J *	
R0616	NRSA02J-223X	MG R	22kΩ 1/10W	J *	
R0704	NRSA02J-0R0X	MG R	0.0Ω 1/10W	J *	
R0705-06	NRSA02J-123X	MG R	12kΩ 1/10W	J *	
R0708-09	NRSA02J-123X	MG R	12kΩ 1/10W	J *	
R0714	NRSA02J-123X	MG R	12kΩ 1/10W	J *	
R0715-16	NRSA02J-333X	MG R	33kΩ 1/10W	J *	
R0717	NRSA02J-123X	MG R	12kΩ 1/10W	J *	
R0718	NRSA02J-154X	MG R	150kΩ 1/10W	J *	
R0719	NRSA02J-472X	MG R	4.7kΩ 1/10W	J *	
R0720-21	NRSA02J-123X	MG R	12kΩ 1/10W	J *	
R0723	NRSA02J-682X	MG R	6.8kΩ 1/10W	J *	
R0724	NRSA02J-272X	MG R	2.7kΩ 1/10W	J *	
R0726	NRSA02J-563X	MG R	56kΩ 1/10W	J *	
R0727	NRSA02J-224X	MG R	220kΩ 1/10W	J *	
R0731	NRSA02J-0R0X	MG R	0.0Ω 1/10W	J *	
R0733	NRSA02J-154X	MG R	150kΩ 1/10W	J *	
R0734	NRSA02J-123X	MG R	12kΩ 1/10W	J *	
R0736	NRSA02J-123X	MG R	12kΩ 1/10W	J *	
R0737	NRSA02J-224X	MG R	220kΩ 1/10W	J *	
R0738	NRSA02J-273X	MG R	27kΩ 1/10W	J *	
R0739-40	NRSA02J-682X	MG R	6.8kΩ 1/10W	J *	
R0741	NRSA02J-223X	MG R	22kΩ 1/10W	J *	
R0742	NRSA02J-224X	MG R	220kΩ 1/10W	J *	
R0743	NRSA02J-683X	MG R	68kΩ 1/10W	J *	
R0744	NRSA02J-224X	MG R	220kΩ 1/10W	J *	
R0745	NRSA02J-563X	MG R	56kΩ 1/10W	J *	
R0746	NRSA02J-224X	MG R	220kΩ 1/10W	J *	

△	Symbol No.	Part No.	Part Name	Description	Local
CAPACITOR					

C0109	NEN51HM-105X	CHIP AL BP E CAP	1μF	50V	M
C0110	NCB21HK-103X	C CAP.	0.01μF	50V	K *
C0111	NDC21HJ-181X	C CAP.	180pF	50V	J *
C0112-14	NEH71CM-106Y	E CAP.	10pF	16V	M
C0122	NDC21HJ-121X	C CAP.	120pF	50V	J *
C0123	NDC21HJ-680X	C CAP.	68pF	50V	J *
C0124	NEN51HM-105X	CHIP AL BP E CAP	1μF	50V	M
C0125	NCF21HZ-224X	C CAP.	0.22μF	50V	Z *
C0126	NCF21EZ-104X	C CAP.	0.1μF	25V	Z *
C0142	NDC21HJ-121X	C CAP.	120pF	50V	J *
C0143	NDC21HJ-680X	C CAP.	68pF	50V	J *
C0144	NEN51HM-105X	CHIP AL BP E CAP	1μF	50V	M
C0145	NCF21HZ-224X	C CAP.	0.22μF	50V	Z *
C0146	NCF21EZ-104X	C CAP.	0.1μF	25V	Z *
C0151	NCB21HK-103X	C CAP.	0.01μF	50V	K *
C0152	QETNOJN-228Z	E CAP.	2200pF	6.3V	M *
C0153	NCF21EZ-104X	C CAP.	0.1μF	25V	Z *
C0154-55	NEH71HM-105X	E CAP.	1μF	50V	M *
C0156-57	NCF21EZ-104X	C CAP.	0.1μF	25V	Z *
C0161-62	NEH71CM-106X	E CAP.	10pF	16V	M
C0163	NCF21EZ-104X	C CAP.	0.1μF	25V	Z *
C0164	NEH71CM-106X	E CAP.	10pF	16V	M
C0165-80	NCF21EZ-104X	C CAP.	0.1μF	25V	Z *
C0181-82	NDC21HJ-8R0X	C CAP.	8.0pF	50V	J *
C0191	NCF21EZ-104X	C CAP.	0.1μF	25V	Z *
C0192	NEH71CM-106X	E CAP.	10pF	16V	M
C0193	NCB21HK-103X	C CAP.	0.01μF	50V	K *
C0201-02	QETNOJN-477Z	E CAP.	470pF	6.3V	M *
C0203-07	NCF21EZ-104X	C CAP.	0.1μF	25V	Z *
C0208-09	NDC21HJ-150X	C CAP.	15pF	50V	J *
C0301-19	NCF21EZ-104X	C CAP.	0.1μF	25V	Z *
C0401	NEH71CM-106X	E CAP.	10pF	16V	M
C0402	NCF21EZ-104X	C CAP.	0.1μF	25V	Z *
C0403	NEH71CM-106X	E CAP.	10pF	16V	M
C0404	NCF21EZ-104X	C CAP.	0.1μF	25V	Z *
C0405-06	NDC21HJ-120X	C CAP.	12pF	50V	J *
C0408-13	NCB21HK-103X	C CAP.	0.01μF	50V	K *
C0414	NCF21EZ-104X	C CAP.	0.1μF	25V	Z *
C0415	NEH71HM-105X	E CAP.	1μF	50V	M
C0416	NEH71CM-106X	E CAP.	10pF	16V	M
C0417	NCF21EZ-104X	C CAP.	0.1μF	25V	Z *
C0418	NEH71HM-105X	E CAP.	1μF	50V	M
C0420	NEH71HM-105X	E CAP.	1μF	50V	M
C0422	NRSA02J-0R0X	MG R	0.0Ω	1/10W	J *
C0424	NEH71HM-105X	E CAP.	1μF	50V	M
C0425	NEH71CM-476X	E CAP.	47pF	16V	M
C0426	NCF21EZ-104X	C CAP.	0.1μF	25V	Z *
C0432	NRSA02J-0R0X	MG R	0.0Ω	1/10W	J *
C0434	NEH71HM-105X	E CAP.	1μF	50V	M
C0435	NCF21EZ-104X	C CAP.	0.1μF	25V	Z *
C0452	NRSA02J-0R0X	MG R	0.0Ω	1/10W	J *
C0454	NEH71HM-105X	E CAP.	1μF	50V	M
C0455	NCF21EZ-104X	C CAP.	0.1μF	25V	Z *
C0472	NRSA02J-0R0X	MG R	0.0Ω	1/10W	J *
C0474	NEH71HM-105X	E CAP.	1μF	50V	M
C0475-76	NCF21EZ-104X	C CAP.	0.1μF	25V	Z *
C0477	NDC21HJ-561X	C CAP.	560pF	50V	J *
C0501	NCB21HK-333X	C CAP.	0.033μF	50V	K *
C0504	NCB21HK-562X	C CAP.	5600pF	50V	K *
C0505-06	NCB21HK-393X	C CAP.	0.039μF	50V	K *
C0507	NDC21HJ-101X	C CAP.	100pF	50V	J *
C0601	NCF21EZ-104X	C CAP.	0.1μF	25V	Z *
C0602	NEH71CM-476X	E CAP.	47pF	16V	M
C0603	NCF21EZ-104X	C CAP.	0.1μF	25V	Z *
C0605	NCF21EZ-104X	C CAP.	0.1μF	25V	Z *
C0606	NDC21HJ-681X	C CAP.	680pF	50V	J *
C0701	NCB21HK-102X	C CAP.	1000pF	50V	K *
C0706	NCB21EK-154X	C CAP.	0.15μF	25V	K *

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△	Symbol No.	Part No.	Part Name	Description	Local
CAPACITOR					
C0707	NCB21EK-104X	C CAP.	0.1μF	25V K	*
C0708	NCB21HK-103X	C CAP.	0.01μF	50V K	*
C0709	NCF21EZ-104X	C CAP.	0.1μF	25V Z	*
C0710	NEH71CM-106X	E CAP.	10μF	16V M	
C0711	NCF21EZ-104X	C CAP.	0.1μF	25V Z	*
C0712	NEH71CM-106X	E CAP.	10μF	16V M	
C0713	NCB21HK-473X	C CAP.	0.047μF	50V K	*
COIL					
L0001-05	NQL02BJ-4R7X	COIL	4.7μH		*
L0101	NQL011K-3R3X	COIL	3.3μH		*
L0121	NQL011K-3R3X	COIL	3.3μH		*
L0141	NQL011K-3R3X	COIL	3.3μH		*
L0161	NQL02BJ-100X	COIL	10μH		*
L0162	NQL02BJ-3R3X	COIL	3.3μH		*
L0163-64	NQL02BJ-100X	COIL	10μH		*
L0201-02	NQL02BJ-100X	COIL	10μH		*
L0301-02	NQL02BJ-4R7X	COIL	4.7μH		*
DIODE					
D0001	MA152WK-X	SI.DIODE			*
D0101-02	MA3068/M/-X	ZENER DIODE			*
D0103	MA3043-X	ZENER DIODE			*
D0104-05	MA111-X	SI.DIODE			*
D0106	MA3068/M/-X	ZENER DIODE			*
D0107	MA111-X	SI.DIODE			*
D0401	MA111-X	SI.DIODE			*
D0403-10	MA3068/M/-X	ZENER DIODE			*
D0411-13	MA111-X	SI.DIODE			*
D0414	MA3068/M/-X	ZENER DIODE			*
D0701	MA111-X	SI.DIODE			*
TRANSISTOR					
Q0101	2SA1162/YG/-X	SI.TRANSISTOR			*
Q0102	2SC2712/YG/-X	SI.TRANSISTOR			*
Q0103	2SA1162/YG/-X	SI.TRANSISTOR			*
Q0104	2SC2712/YG/-X	SI.TRANSISTOR			*
Q0105	2SA1162/YG/-X	SI.TRANSISTOR			*
Q0106-07	2SC2712/YG/-X	SI.TRANSISTOR			*
Q0108	2SA1162/YG/-X	SI.TRANSISTOR			*
Q0109-10	2SC2712/YG/-X	SI.TRANSISTOR			*
Q0111	2SA1162/YG/-X	SI.TRANSISTOR			*
Q0121	2SA1162/YG/-X	SI.TRANSISTOR			*
Q0122	2SC2712/YG/-X	SI.TRANSISTOR			*
Q0123	2SA1162/YG/-X	SI.TRANSISTOR			*
Q0124	2SC2712/YG/-X	SI.TRANSISTOR			*
Q0141	2SA1162/YG/-X	SI.TRANSISTOR			*
Q0142	2SC2712/YG/-X	SI.TRANSISTOR			*
Q0143	2SA1162/YG/-X	SI.TRANSISTOR			*
Q0144	2SC2712/YG/-X	SI.TRANSISTOR			*
Q0151-52	2SC2712/YG/-X	SI.TRANSISTOR			*
Q0153	2SA1162/YG/-X	SI.TRANSISTOR			*
Q0154	2SC2712/YG/-X	SI.TRANSISTOR			*
Q0155	2SA1162/YG/-X	SI.TRANSISTOR			*
Q0402	2SC2712/YG/-X	SI.TRANSISTOR			*
Q0403-05	2SA1162/YG/-X	SI.TRANSISTOR			*
Q0411	2SA1162/YG/-X	SI.TRANSISTOR			*
Q0412-15	2SC2712/YG/-X	SI.TRANSISTOR			*
Q0431	2SA1162/YG/-X	SI.TRANSISTOR			*
Q0432-35	2SC2712/YG/-X	SI.TRANSISTOR			*
Q0451	2SA1162/YG/-X	SI.TRANSISTOR			*
Q0452-55	2SC2712/YG/-X	SI.TRANSISTOR			*

△	Symbol No.	Part No.	Part Name	Description	Local
TRANSISTOR					
Q0471	2SA1162/YG/-X	SI.TRANSISTOR			*
Q0472-74	2SC2712/YG/-X	SI.TRANSISTOR			*
Q0501	2SC2712/YG/-X	SI.TRANSISTOR			*
Q0601	2SC2712/YG/-X	SI.TRANSISTOR			*
Q0702	2SC2712/YG/-X	SI.TRANSISTOR			*
IC					
IC0101	SDA9206	I C			*
IC0102	TC4W66F-X	I.C.(DIGI-MOS)			*
IC0201	SDA9400	I C			*
IC0301	JCS5043	I C			*
IC0401	DDP3310B/D3-W	I C			*
IC0601	SN74LV04AMS-X	I C			*
IC0602	TC74AC00F-X	I.C.(DIGI-MOS)			*
IC0603	MN1382/Q/-X	I.C.(MONO-ANA)			*
IC0701-02	NJM4556AM-XE	I C			*
OTHERS					
LC0001-04	CE42482-103Y	EMI FILTER			*
LC0101-03	CE42482-470Y	EMI FILTER			*
LC0104	CE42126-101Y	EMI FILTER			*
LC0201	CE42482-103Y	EMI FILTER			*
LC0401-11	CE42126-220Y	EMI FILTER			*
LC0601	CE42126-101Y	EMI FILTER			*
LC0602	CE42482-470Y	EMI FILTER			*
LC0603	CE42126-101Y	EMI FILTER			*
X0101	QAX0549-001Z	X TAL			*
X0201	QAX0359-001Z	CRYSTAL			*
X0401	QAX0548-001Z	X TAL			*
Y0001-14	NRSA02J-OROX	MG R	0.0Ω 1/10W J	*	*
Y0017-28	NRSA02J-OROX	MG R	0.0Ω 1/10W J	*	*

AV-32WFP1EK**PRINTED WIRING BOARD PARTS LIST****MAIN PW BOARD ASS'Y (SMD-1901A-U2)**

△ Symbol No.	Part No.	Part Name	Description	Local
RESISTOR				

R1002	NRSA02J-103X	MG R	10kΩ 1/10W J	*
R1003-06	NRSA02J-102X	MG R	1kΩ 1/10W J	*
R1101-03	NRSA02J-102X	MG R	1kΩ 1/10W J	*
R1104	NRSA02J-681X	MG R	6800 1/10W J	*
R1105	NRSA02J-392X	MG R	3.9kΩ 1/10W J	*
R1107	NRSA02J-391X	MG R	390Ω 1/10W J	*
R1108	NRSA02J-102X	MG R	1kΩ 1/10W J	*
R1109	NRSA02J-103X	MG R	10kΩ 1/10W J	*
R1110	NRSA02J-472X	MG R	4.7kΩ 1/10W J	*
R1111	NRSA02J-821X	MG R	820Ω 1/10W J	*
R1112	NRSA02J-101X	MG R	100Ω 1/10W J	*
R1113	NRSA02J-102X	MG R	1kΩ 1/10W J	*
R1121-22	NRSA02J-0R0X	MG R	0.0Ω 1/10W J	*
R1123	NRSA02J-152X	MG R	1.5kΩ 1/10W J	*
R1124	NRSA02J-821X	MG R	820Ω 1/10W J	*
R1125-27	NRSA02J-103X	MG R	10kΩ 1/10W J	*
R1128	NRSA02J-153X	MG R	15kΩ 1/10W J	*
R1131-33	NRSA02J-102X	MG R	1kΩ 1/10W J	*
R1134	NRSA02J-681X	MG R	6800 1/10W J	*
R1135	NRSA02J-561X	MG R	560Ω 1/10W J	*
R1136	NRSA02J-681X	MG R	6800 1/10W J	*
R1137	NRSA02J-102X	MG R	1kΩ 1/10W J	*
R1138	NRSA02J-391X	MG R	390Ω 1/10W J	*
R1140	NRSA02J-103X	MG R	10kΩ 1/10W J	*
R1141	NRSA02J-472X	MG R	4.7kΩ 1/10W J	*
R1142	NRSA02J-821X	MG R	820Ω 1/10W J	*
R1151	NRSA02J-222X	MG R	2.2kΩ 1/10W J	*
R1152-53	NRSA02J-102X	MG R	1kΩ 1/10W J	*
R1154	NRSA02J-681X	MG R	6800 1/10W J	*
R1155	NRSA02J-561X	MG R	560Ω 1/10W J	*
R1156	NRSA02J-681X	MG R	6800 1/10W J	*
R1157	NRSA02J-102X	MG R	1kΩ 1/10W J	*
R1158	NRSA02J-391X	MG R	390Ω 1/10W J	*
R1160	NRSA02J-103X	MG R	10kΩ 1/10W J	*
R1161	NRSA02J-472X	MG R	4.7kΩ 1/10W J	*
R1162	NRSA02J-821X	MG R	820Ω 1/10W J	*
R1171	NRSA02J-103X	MG R	10kΩ 1/10W J	*
R1172	NRSA02J-562X	MG R	5.6kΩ 1/10W J	*
R1173	NRSA02J-221X	MG R	220Ω 1/10W J	*
R1174	NRSA02J-272X	MG R	2.7kΩ 1/10W J	*
R1175	NRSA02J-102X	MG R	1kΩ 1/10W J	*
R1176	NRSA02J-392X	MG R	3.9kΩ 1/10W J	*
R1177	NRSA02J-472X	MG R	4.7kΩ 1/10W J	*
R1178	NRSA02J-0R0X	MG R	0.0Ω 1/10W J	*
R1179	NRSA02J-272X	MG R	2.7kΩ 1/10W J	*
R1201-02	NRSA02J-103X	MG R	10kΩ 1/10W J	*
R1203	NRSA02J-750X	MG R	750 1/10W J	*
R1204	QRK126J-151X	C R	150Ω 1/2W J	*
R1205	NRSA02J-101X	MG R	100Ω 1/10W J	*
R1206	QRG01GJ-101	OM R	100Ω 1W J	*
R1207	NRSA02J-223X	MG R	22kΩ 1/10W J	*
R1208	NRSA02J-473X	MG R	47kΩ 1/10W J	*
R1209	NRSA02J-683X	MG R	68kΩ 1/10W J	*
R1210	NRSA02J-153X	MG R	15kΩ 1/10W J	*
R1211	NRSA02J-103X	MG R	10kΩ 1/10W J	*
R1212	NRSA02J-473X	MG R	47kΩ 1/10W J	*
R1213	NRSA02J-273X	MG R	27kΩ 1/10W J	*
R1214	NRSA02J-103X	MG R	10kΩ 1/10W J	*
R1215	NRSA02J-222X	MG R	2.2kΩ 1/10W J	*
R1216	NRSA02J-333X	MG R	33kΩ 1/10W J	*

△ Symbol No.	Part No.	Part Name	Description	Local
RESISTOR				

R1217	NRSA02J-222X	MG R	2.2kΩ 1/10W J	*
R1218	NRSA02J-333X	MG R	33kΩ 1/10W J	*
R1219	NRSA02J-823X	MG R	82kΩ 1/10W J	*
R1220	NRSA02J-0R0X	MG R	0.0Ω 1/10W J	*
R1221	NRSA02J-391X	MG R	390Ω 1/10W J	*
R1222	NRSA02J-823X	MG R	82kΩ 1/10W J	*
R1223	NRSA02J-0R0X	MG R	0.0Ω 1/10W J	*
R1224	NRSA02J-391X	MG R	390Ω 1/10W J	*
R1225-26	NRSA02J-223X	MG R	22kΩ 1/10W J	*
R1227	NRSA02J-104X	MG R	100kΩ 1/10W J	*
R1228	NRSA02J-560X	MG R	56Ω 1/10W J	*
R1229	QRK126J-181X	C R	180Ω 1/2W J	*
R1231	QRG01GJ-101	OM R	100Ω 1W J	*
R1232	NRSA02J-101X	MG R	100Ω 1/10W J	*
R1233	NRSA02J-222X	MG R	2.2kΩ 1/10W J	*
R1242	NRSA02J-223X	MG R	22kΩ 1/10W J	*
R1243	NRSA02J-473X	MG R	47kΩ 1/10W J	*
R1244	NRSA02J-683X	MG R	68kΩ 1/10W J	*
R1245	NRSA02J-153X	MG R	15kΩ 1/10W J	*
R1246	NRSA02J-103X	MG R	10kΩ 1/10W J	*
R1247	NRSA02J-473X	MG R	47kΩ 1/10W J	*
R1248	NRSA02J-273X	MG R	27kΩ 1/10W J	*
R1249	NRSA02J-103X	MG R	10kΩ 1/10W J	*
R1250	NRSA02J-222X	MG R	2.2kΩ 1/10W J	*
R1251	NRSA02J-333X	MG R	33kΩ 1/10W J	*
R1252	NRSA02J-222X	MG R	2.2kΩ 1/10W J	*
R1253	NRSA02J-333X	MG R	33kΩ 1/10W J	*
R1254	NRSA02J-823X	MG R	82kΩ 1/10W J	*
R1255	NRSA02J-0R0X	MG R	0.0Ω 1/10W J	*
R1256	NRSA02J-391X	MG R	390Ω 1/10W J	*
R1257	NRSA02J-823X	MG R	82kΩ 1/10W J	*
R1258	NRSA02J-0R0X	MG R	0.0Ω 1/10W J	*
R1259	NRSA02J-391X	MG R	390Ω 1/10W J	*
R1260-61	NRSA02J-223X	MG R	22kΩ 1/10W J	*
R1262	NRSA02J-104X	MG R	100kΩ 1/10W J	*
R1263	NRSA02J-222X	MG R	2.2kΩ 1/10W J	*
R1264	NRSA02J-333X	MG R	33kΩ 1/10W J	*
R1265	NRSA02J-222X	MG R	2.2kΩ 1/10W J	*
R1266	NRSA02J-333X	MG R	33kΩ 1/10W J	*
R1267-69	NRSA02J-750X	MG R	75Ω 1/10W J	*
R1277-79	NRSA02J-750X	MG R	75Ω 1/10W J	*
R1280	NRSA02J-223X	MG R	22kΩ 1/10W J	*
R1281	NRSA02J-473X	MG R	47kΩ 1/10W J	*
R1282	NRSA02J-683X	MG R	68kΩ 1/10W J	*
R1283	NRSA02J-153X	MG R	15kΩ 1/10W J	*
R1284	NRSA02J-103X	MG R	10kΩ 1/10W J	*
R1285	NRSA02J-473X	MG R	47kΩ 1/10W J	*
R1286	NRSA02J-273X	MG R	27kΩ 1/10W J	*
R1287	NRSA02J-103X	MG R	10kΩ 1/10W J	*
R1288	NRSA02J-222X	MG R	2.2kΩ 1/10W J	*
R1289	NRSA02J-333X	MG R	33kΩ 1/10W J	*
R1290	NRSA02J-222X	MG R	2.2kΩ 1/10W J	*
R1291	NRSA02J-333X	MG R	33kΩ 1/10W J	*
R1292	NRSA02J-271X	MG R	270Ω 1/10W J	*
R1301	NRSA02J-221X	MG R	220Ω 1/10W J	*
R1302	NRSA02J-471X	MG R	470Ω 1/10W J	*
R1303	NRSA02J-221X	MG R	220Ω 1/10W J	*
R1304	NRSA02J-471X	MG R	470Ω 1/10W J	*
R1305	NRSA02J-221X	MG R	220Ω 1/10W J	*
R1306	NRSA02J-271X	MG R	270Ω 1/10W J	*

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Symbol No.	Part No.	Part Name	Description	Local	Symbol No.	Part No.	Part Name	Description	Local
RESISTOR									
R1307	NRSA02J-221X	MG R	220Ω 1/10W	J *	R1560	NRSA02J-100X	MG R	10Ω 1/10W	J *
R1308	NRSA02J-471X	MG R	470Ω 1/10W	J *	R1561	QRN143J-0R0X	C R	0.0Ω 1/4W	J *
R1309	NRSA02J-221X	MG R	220Ω 1/10W	J *	R1571	NRSA02J-100X	MG R	10Ω 1/10W	J *
R1310	NRSA02J-471X	MG R	470Ω 1/10W	J *	R1572	NRSA02J-124X	MG R	120kΩ 1/10W	J *
R1311	NRSA02J-221X	MG R	220Ω 1/10W	J *	R1573	NRSA02J-683X	MG R	68kΩ 1/10W	J *
R1312	NRSA02J-271X	MG R	270Ω 1/10W	J *	R1574	NRSA02J-0R0X	MG R	0.0Ω 1/10W	J *
R1313	NRSA02J-221X	MG R	220Ω 1/10W	J *	R1575	NRSA02J-563X	MG R	56kΩ 1/10W	J *
R1314-15	NRSA02J-471X	MG R	470Ω 1/10W	J *	R1576	NRSA02J-472X	MG R	4.7kΩ 1/10W	J *
R1316	NRSA02J-152X	MG R	1.5kΩ 1/10W	J *	R1577	NRSA02J-562X	MG R	5.6kΩ 1/10W	J *
R1317-18	NRSA02J-101X	MG R	100Ω 1/10W	J *	R1578	NRSA02J-104X	MG R	100kΩ 1/10W	J *
R1319	NRSA02J-152X	MG R	1.5kΩ 1/10W	J *	R1579	NRSA02J-154X	MG R	150kΩ 1/10W	J *
R1320	NRSA02J-221X	MG R	220Ω 1/10W	J *	R1580	NRSA02J-100X	MG R	10Ω 1/10W	J *
R1321	NRSA02J-102X	MG R	1kΩ 1/10W	J *	R1581	QRN143J-0R0X	C R	0.0Ω 1/4W	J *
R1323-24	NRSA02J-562X	MG R	5.6kΩ 1/10W	J *	R1582	NRSA02J-103X	MG R	10kΩ 1/10W	J *
R1326-29	NRSA02J-152X	MG R	1.5kΩ 1/10W	J *	R1583	QRK126J-681X	C R	68Ω 1/2W	J
R1330	NRSA02J-103X	MG R	10kΩ 1/10W	J *	R1584	NRSA02J-183X	MG R	18kΩ 1/10W	J *
R1331	NRSA02J-221X	MG R	220Ω 1/10W	J *	R1585	NRSA02J-104X	MG R	100kΩ 1/10W	J *
R1332-33	NRSA02J-471X	MG R	470Ω 1/10W	J *	R1611	NRSA02J-0R0X	MG R	0.0Ω 1/10W	J *
R1334-35	NRSA02J-152X	MG R	1.5kΩ 1/10W	J *	R1612	NRSA02J-561X	MG R	560Ω 1/10W	J *
R1336	NRSA02J-101X	MG R	100Ω 1/10W	J *	R1613-14	NRSA02J-123X	MG R	12kΩ 1/10W	J *
R1337	NRSA02J-103X	MG R	10kΩ 1/10W	J *	R1615	NRSA02J-681X	MG R	680Ω 1/10W	J *
R1338-40	NRSA02J-101X	MG R	100Ω 1/10W	J *	R1616	NRSA02J-102X	MG R	1kΩ 1/10W	J *
R1341	NRSA02J-183X	MG R	18kΩ 1/10W	J *	R1617-18	NRSA02J-682X	MG R	6.8kΩ 1/10W	J *
R1342	NRSA02J-823X	MG R	82kΩ 1/10W	J *	R1619	NRSA02J-223X	MG R	22kΩ 1/10W	J *
R1343-44	NRSA02J-101X	MG R	100Ω 1/10W	J *	R1620	NRSA02J-223X	MG R	22kΩ 1/10W	J
R1345-46	NRSA02J-103X	MG R	10kΩ 1/10W	J *	R1658-60	QRN143J-2R2X	C R	2.2Ω 1/4W	J *
R1347	NRSA02J-562X	MG R	5.6kΩ 1/10W	J *	R1661	NRSA02J-561X	MG R	560Ω 1/10W	J *
R1348	NRSA02J-0R0X	MG R	0.0Ω 1/10W	J *	R1662-64	NRSA02J-223X	MG R	22kΩ 1/10W	J *
R1349	NRSA02J-152X	MG R	1.5kΩ 1/10W	J *	R1665	NRSA02J-104X	MG R	100kΩ 1/10W	J *
R1350	NRSA02J-271X	MG R	270Ω 1/10W	J *	R1666	NRSA02J-682X	MG R	6.8kΩ 1/10W	J *
R1351	NRSA02J-222X	MG R	2.2kΩ 1/10W	J *	R1667	NRSA02J-104X	MG R	100kΩ 1/10W	J *
R1372	NRSA02J-274X	MG R	270kΩ 1/10W	J *	R1668	NRSA02J-0R0X	MG R	0.0Ω 1/10W	J *
R1381	NRSA02J-102X	MG R	1kΩ 1/10W	J *	R1669	NRSA02J-473X	MG R	47kΩ 1/10W	J *
R1382	NRSA02J-182X	MG R	1.8kΩ 1/10W	J *	R1670	NRSA02J-0R0X	MG R	0.0Ω 1/10W	J *
R1383	NRSA02J-123X	MG R	12kΩ 1/10W	J *	R1671	NRSA02J-273X	MG R	27kΩ 1/10W	J *
R1384	NRSA02J-683X	MG R	68kΩ 1/10W	J *	R1672	NRSA02J-122X	MG R	1.2kΩ 1/10W	J *
R1385	NRSA02J-273X	MG R	27kΩ 1/10W	J *	R1673	NRSA02J-103X	MG R	10kΩ 1/10W	J *
R1386	NRSA02J-102X	MG R	1kΩ 1/10W	J *	R1674	NRSA02J-563X	MG R	56kΩ 1/10W	J *
R1387	NRSA02J-683X	MG R	68kΩ 1/10W	J *	R1675	NRSA02J-103X	MG R	10kΩ 1/10W	J *
R1388	NRSA02J-273X	MG R	27kΩ 1/10W	J *	R1676	NRSA02J-273X	MG R	27kΩ 1/10W	J *
R1389	NRSA02J-102X	MG R	1kΩ 1/10W	J *	R1677	NRSA02J-103X	MG R	10kΩ 1/10W	J *
R1390	NRSA02J-683X	MG R	68kΩ 1/10W	J *	R1678	NRSA02J-563X	MG R	56kΩ 1/10W	J *
R1391	NRSA02J-273X	MG R	27kΩ 1/10W	J *	R1679	NRSA02J-103X	MG R	10kΩ 1/10W	J *
R1392	NRSA02J-102X	MG R	1kΩ 1/10W	J *	R1680	NRSA02J-273X	MG R	27kΩ 1/10W	J *
R1395-97	NRSA02J-0R0X	MG R	0.0Ω 1/10W	J *	R1682	NRSA02J-103X	MG R	10kΩ 1/10W	J *
R1398	NRSA02J-101X	MG R	100Ω 1/10W	J *	R1683	NRSA02J-562X	MG R	5.6kΩ 1/10W	J *
R1401-02	NRSA02J-682X	MG R	6.8kΩ 1/10W	J *	R1684	NRSA02J-473X	MG R	47kΩ 1/10W	J *
R1403	NRSA02J-222X	MG R	2.2kΩ 1/10W	J *	R1689-90	NRSA02J-103X	MG R	10kΩ 1/10W	J *
R1404	QRX01GJ-1R0	MF R	1.0Ω 1W	J *	R1691-92	NRSA02J-123X	MG R	12kΩ 1/10W	J *
R1405	QRL029J-221	OM R	220Ω 2W	J	R1693-94	NRSA02J-103X	MG R	10kΩ 1/10W	J *
R1406	NRSA02J-222X	MG R	2.2kΩ 1/10W	J *	R1700	NRSA02J-0R0X	MG R	0.0Ω 1/10W	J *
R1407-08	QRX01GJ-1R5	MF R	1.5Ω 1W	J *	R1701	NRSA02J-104X	MG R	100kΩ 1/10W	J *
R1409-10	NRSA02J-103X	MG R	10kΩ 1/10W	J *	R1702	NRSA02J-823X	MG R	82kΩ 1/10W	J *
R1461	NRSA02J-272X	MG R	2.7kΩ 1/10W	J *	R1703-06	NRSA02J-102X	MG R	1kΩ 1/10W	J *
R1462	NRSA02J-563X	MG R	56kΩ 1/10W	J *	R1707	NRSA02J-103X	MG R	10kΩ 1/10W	J *
R1463	NRSA02J-104X	MG R	100kΩ 1/10W	J *	R1708	NRSA02J-102X	MG R	1kΩ 1/10W	J *
R1464	NRSA02J-123X	MG R	12kΩ 1/10W	J *	R1709	NRSA02J-103X	MG R	10kΩ 1/10W	J *
R1501	NRSA02J-332X	MG R	3.3kΩ 1/10W	J *	R1710	NRSA02J-821X	MG R	820Ω 1/10W	J *
R1551	NRSA02J-100X	MG R	100Ω 1/10W	J *	R1711	NRSA02J-102X	MG R	1kΩ 1/10W	J *
R1552	NRSA02J-124X	MG R	120kΩ 1/10W	J *	R1713-14	NRSA02J-103X	MG R	10kΩ 1/10W	J *
R1553	NRSA02J-683X	MG R	68kΩ 1/10W	J *	R1716	NRSA02J-103X	MG R	10kΩ 1/10W	J *
R1554	NRSA02J-562X	MG R	5.6kΩ 1/10W	J *	R1718	NRSA02J-102X	MG R	1kΩ 1/10W	J *
R1555	NRSA02J-333X	MG R	33kΩ 1/10W	J *	R1719	NRSA02J-101X	MG R	100Ω 1/10W	J *
R1556	NRSA02J-472X	MG R	4.7kΩ 1/10W	J *	R1720	NRSA02J-102X	MG R	1kΩ 1/10W	J *
R1557	NRSA02J-562X	MG R	5.6kΩ 1/10W	J *	R1721-23	NRSA02J-472X	MG R	4.7kΩ 1/10W	J *
R1558	NRSA02J-104X	MG R	100kΩ 1/10W	J *	R1724-26	NRSA02J-821X	MG R	820Ω 1/10W	J *
R1559	NRSA02J-154X	MG R	150kΩ 1/10W	J *	R1727	NRSA02J-153X	MG R	15kΩ 1/10W	J *

△	Symbol No.	Part No.	Part Name	Description	Local
RESISTOR					
R1728	NRSA02J-103X	MG R	10kΩ 1/10W	J *	
R1729	NRSA02J-683X	MG R	68kΩ 1/10W	J *	
R1730	NRSA02J-223X	MG R	22kΩ 1/10W	J *	
R1731	NRSA02J-562X	MG R	5.6kΩ 1/10W	J *	
R1732	NRSA02J-103X	MG R	10kΩ 1/10W	J *	
R1733	NRSA02J-222X	MG R	2.2kΩ 1/10W	J *	
R1734	NRSA02J-103X	MG R	10kΩ 1/10W	J *	
R1735-36	NRSA02J-682X	MG R	6.8kΩ 1/10W	J *	
R1737	NRSA02J-102X	MG R	1kΩ 1/10W	J *	
R1738	NRSA02J-183X	MG R	18kΩ 1/10W	J *	
R1739	NRSA02J-331X	MG R	330kΩ 1/10W	J *	
R1740-42	NRSA02J-103X	MG R	10kΩ 1/10W	J *	
R1743	NRSA02J-222X	MG R	2.2kΩ 1/10W	J *	
R1744-46	NRSA02J-103X	MG R	10kΩ 1/10W	J *	
R1747	NRSA02J-102X	MG R	1kΩ 1/10W	J *	
R1748	NRSA02J-103X	MG R	10kΩ 1/10W	J *	
R1751-52	NRSA02J-103X	MG R	10kΩ 1/10W	J *	
R1753	NRSA02J-472X	MG R	4.7kΩ 1/10W	J *	
R1754	NRSA02J-103X	MG R	10kΩ 1/10W	J *	
R1755	NRSA02J-472X	MG R	4.7kΩ 1/10W	J *	
R1756-57	NRSA02J-103X	MG R	10kΩ 1/10W	J *	
R1758-59	NRSA02J-221X	MG R	220Ω 1/10W	J *	
R1760	NRSA02J-102X	MG R	1kΩ 1/10W	J *	
R1761-65	NRSA02J-221X	MG R	220Ω 1/10W	J *	
R1766	NRSA02J-103X	MG R	10kΩ 1/10W	J *	
R1767	NRSA02J-104X	MG R	100kΩ 1/10W	J *	
R1768	NRSA02J-823X	MG R	82kΩ 1/10W	J *	
R1770	NRSA02J-103X	MG R	10kΩ 1/10W	J *	
R1771	NRSA02J-392X	MG R	3.9kΩ 1/10W	J *	
R1772-74	NRSA02J-103X	MG R	10kΩ 1/10W	J *	
R1775-76	NRSA02J-563X	MG R	56kΩ 1/10W	J *	
R1777	NRSA02J-223X	MG R	22kΩ 1/10W	J *	
R1778	NRSA02J-103X	MG R	10kΩ 1/10W	J *	
R1779	NRSA02J-333X	MG R	33kΩ 1/10W	J *	
R1780	NRSA02J-104X	MG R	100kΩ 1/10W	J *	
R1782	NRSA02J-0R0X	MG R	0.0Ω 1/10W	J *	
R1784-86	NRSA02J-333X	MG R	33kΩ 1/10W	J *	
R1787	NRSA02J-103X	MG R	10kΩ 1/10W	J *	
R1788	NRSA02J-123X	MG R	12kΩ 1/10W	J *	
R1789	NRSA02J-0R0X	MG R	0.0Ω 1/10W	J *	
R1791	NRSA02J-103X	MG R	10kΩ 1/10W	J *	
R1793	NRSA02J-102X	MG R	1kΩ 1/10W	J *	
R1794	NRSA02J-152X	MG R	1.5kΩ 1/10W	J *	
R1795	NRSA02J-102X	MG R	1kΩ 1/10W	J *	
R1796	NRSA02J-103X	MG R	10kΩ 1/10W	J *	
R1797	NRSA02J-102X	MG R	1kΩ 1/10W	J *	
R1820	NRSA02J-332X	MG R	3.3kΩ 1/10W	J *	
R1880-82	NRSA02J-102X	MG R	1kΩ 1/10W	J *	
R1883	NRSA02J-473X	MG R	47kΩ 1/10W	J *	
R1884-86	NRSA02J-103X	MG R	10kΩ 1/10W	J *	
R1888-89	NRSA02J-103X	MG R	10kΩ 1/10W	J *	
R1890	NRSA02J-221X	MG R	220Ω 1/10W	J *	
R1891	NRSA02J-273X	MG R	27kΩ 1/10W	J *	
R1892-96	NRSA02J-221X	MG R	220Ω 1/10W	J *	
R1897	QRG029J-220	OM R	22 Ω 2W	J *	
R1901	NRSA02J-101X	MG R	100Ω 1/10W	J *	
R1902	NRSA02J-223X	MG R	22kΩ 1/10W	J *	
R1903	NRSA02J-472X	MG R	4.7kΩ 1/10W	J *	
R1904	NRSA02J-223X	MG R	22kΩ 1/10W	J *	
R1905	NRSA02J-102X	MG R	1kΩ 1/10W	J *	

CAPACITOR

C1001	NCB21HK-104X	CHIP CAP.	0.1μF 50V K	*
C1002	QETN1HM-1072	E CAP.	100μF 50V M	*
C1003	NCB21HK-104X	CHIP CAP.	0.1μF 50V K	*
C1004	QETNICH-1072	E CAP.	100μF 16V M	*

△	Symbol No.	Part No.	Part Name	Description	Local
CAPACITOR					

C1007	NCB21HK-222X	C CAP.	2200pF 50V K	*
C1008	QETN1HM-106Z	E CAP.	10μF 50V M	*
C1101-02	QETNICH-1072	E CAP.	100μF 16V M	*
C1104	QETNICH-476Z	E CAP.	47μF 16V M	*
C1105	QENC1HM-4742	BP E CAP.	0.47μF 50V M	*
C1106	QETN1HM-106Z	E CAP.	10μF 50V M	*
C1107	QETN1AM-227Z	E CAP.	220μF 10V M	*
C1121-22	NCB21HK-103X	C CAP.	0.01μF 50V K	*
C1123	QETN1CM-476Z	E CAP.	47μF 16V M	*
C1124-25	NCB21HK-103X	C CAP.	0.01μF 50V K	*
C1128	QETN1CM-1072	E CAP.	100μF 16V M	*
C1129	QETN1CM-476Z	E CAP.	47μF 16V M	*
C1130	NCB21HK-103X	C CAP.	0.01μF 50V K	*
C1131	QETN1CM-476Z	E CAP.	47μF 16V M	*
C1132	NCB21HK-103X	C CAP.	0.01μF 50V K	*
C1134	NCB21HK-103X	C CAP.	0.01μF 50V K	*
C1135	NDC21HJ-181X	C CAP.	180pF 50V J	*
C1136-39	NCB21HK-103X	C CAP.	0.01μF 50V K	*
C1140	QETN1CM-476Z	E CAP.	47μF 16V M	*
C1141	NCB21HK-103X	C CAP.	0.01μF 50V K	*
C1151	QETN1AM-227Z	E CAP.	220μF 10V M	*
C1152	NCB21HK-103X	C CAP.	0.01μF 50V K	*
C1153	QETN1AM-1072	E CAP.	100μF 10V M	*
C1154	NDC21HJ-121X	C CAP.	120pF 50V J	*
C1155	QETN1CM-476Z	E CAP.	47μF 16V M	*
C1161	QETN1CM-476Z	E CAP.	47μF 16V M	*
C1163	QETN1CM-476Z	E CAP.	47μF 16V M	*
C1171	NDC21HJ-221X	C CAP.	220pF 50V J	*
C1172	NDC21HJ-560X	C CAP.	56pF 50V J	*
C1173	NDC21HJ-221X	C CAP.	220pF 50V J	*
C1174	NDC21HJ-121X	C CAP.	120pF 50V J	*
C1192	QETN1CM-227Z	E CAP.	220pF 16V M	*
C1193	NCB21HK-103X	C CAP.	0.01μF 50V K	*
C1201	QETN1CM-227Z	E CAP.	220μF 16V M	*
C1202	NCB21HK-102X	C CAP.	1000pF 50V K	*
C1203-04	QETN1HM-105Z	E CAP.	1μF 50V M	*
C1205-06	QETN1HM-106Z	E CAP.	10μF 50V M	*
C1207	QETN1CM-227Z	E CAP.	220μF 16V M	*
C1211	NCB21HK-102X	C CAP.	1000pF 50V K	*
C1212-13	QETN1HM-105Z	E CAP.	1μF 50V M	*
C1214-15	QETN1HM-106Z	E CAP.	10μF 50V M	*
C1216-17	QETN1HM-105Z	E CAP.	1μF 50V M	*
C1218-19	QETN1CM-476Z	E CAP.	47μF 16V M	*
C1220	QETN1HM-105Z	E CAP.	1μF 50V M	*
C1221-22	QETN1CM-107Z	E CAP.	100μF 16V M	*
C1223-24	QETN1HM-105Z	E CAP.	1μF 50V M	*
C1231-33	QETN1CM-476Z	E CAP.	47μF 16V M	*
C1234	NCB21HK-102X	C CAP.	1000pF 50V K	*
C1301	QETN1CM-227Z	E CAP.	220pF 16V M	*
C1302	NCB21HK-104X	C CAP.	0.1μF 50V K	*
C1303	QETN1CM-476Z	E CAP.	47μF 16V M	*
C1304	QENC1CM-476Z	BP E CAP.	47μF 16V M	*
C1305	QETN1HM-226Z	E CAP.	22μF 50V M	*
C1306	NCB21HK-223X	C CAP.	0.022μF 50V K	*
C1307-08	QENC1HM-105Z	BP E CAP.	1μF 50V M	*
C1309	NDC21HJ-390X	C CAP.	39pF 50V J	*
C1311-13	NCB21HK-104X	CHIP CAP.	0.1μF 50V K	*
C1314	NCB21HK-222X	C CAP.	2200pF 50V K	*
C1315	NCB21CK-474X	C CAP.	0.47μF 16V K	*
C1316	NCB21HK-104X	CHIP CAP.	0.1μF 50V K	*
C1317	NCB21EK-154X	C CAP.	0.15μF 25V K	*
C1318	NCB21HK-104X	CHIP CAP.	0.1μF 50V K	*
C1319	NCB21HK-332X	C CAP.	3300pF 50V K	*
C1320	NCB21HK-104X	CHIP CAP.	0.1μF 50V K	*
C1321-22	NDC21HJ-150X	C CAP.	15pF 50V J	*
C1323	NCB21HK-104X	CHIP CAP.	0.1μF 50V K	*
C1325-26	NCB21HK-104X	CHIP CAP.	0.1μF 50V K	*

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Symbol No.	Part No.	Part Name	Description	Local
CAPACITOR				
C1327	QETN1CM-227Z	E CAP.	220 μ F 16V	M *
C1328-32	NDC21HK-104X	CHIP CAP.	0.1 μ F 50V	K *
C1341	QENC1HM-105Z	BP E CAP.	1 μ F 50V	M *
C1342-44	NDC21HJ-220X	C CAP.	22 μ F 50V	J *
C1345	NDC21HJ-121X	C CAP.	120 μ F 50V	J *
C1363-65	QETN1HM-106Z	E CAP.	10 μ F 50V	M *
C1381-84	QETN1CM-476Z	E CAP.	47 μ F 16V	M *
C1387-88	QETN1CM-476Z	E CAP.	47 μ F 16V	M *
C1389-90	QETN0JM-228Z	E CAP.	2200 μ F 6.3V	M *
C1392	NDC21HJ-680X	C CAP.	68 μ F 50V	J *
C1396-98	NCB21HK-104X	CHIP CAP.	0.1 μ F 50V	K *
C1403	QFLC2AJ-104Z	M CAP.	0.1 μ F 100V	J *
C1404	NCB21HK-104X	CHIP CAP.	0.1 μ F 50V	K *
C1405	NDC21HJ-820X	C CAP.	82 μ F 50V	J *
C1406	QETN1HM-108	E CAP.	1000 μ F 35V	M *
C1408	QETN1VM-337Z	E CAP.	330 μ F 35V	M *
C1409-10	QFV71HJ-474Z	MF CAP.	0.47 μ F 50V	J *
C1412	QFLC2AJ-104Z	M CAP.	0.1 μ F 100V	J *
C1417-18	QETN1CM-108Z	E CAP.	1000 μ F 16V	M *
C1419	NCB21HK-682X	C CAP.	6800 μ F 50V	K *
C1461	QETN1HM-226Z	E CAP.	22 μ F 50V	M *
C1551-52	NCB21CK-224X	C CAP.	0.22 μ F 16V	K *
C1553	QETN1EM-476Z	E CAP.	47 μ F 25V	M *
C1554-55	NCB21CK-224X	C CAP.	0.22 μ F 16V	K *
C1571-72	NCB21CK-474X	C CAP.	0.47 μ F 16V	K *
C1573	QETN1HM-105Z	E CAP.	1 μ F 50V	M *
C1575-76	NCB21CK-474X	C CAP.	0.47 μ F 16V	K *
C1601-02	QDC31HJ-2R0Z	C CAP.	2.0 μ F 50V	J *
C1603-04	NCB21HK-103X	C CAP.	0.01 μ F 50V	K *
C1605-06	QETN1HM-106Z	E CAP.	10 μ F 50V	M *
C1607-08	NCF21EZ-104X	C CAP.	0.1 μ F 25V	Z *
C1609-12	QETN1HM-105Z	E CAP.	1 μ F 50V	M *
C1613-14	NDC21HJ-471X	C CAP.	470 μ F 50V	J *
C1615	NCF21EZ-104X	C CAP.	0.1 μ F 25V	Z *
C1616-18	QETN1HM-106Z	E CAP.	10 μ F 50V	M *
C1619	NCF21EZ-104X	C CAP.	0.1 μ F 25V	Z *
C1620	QETN1HM-106Z	E CAP.	10 μ F 50V	M *
C1621-24	NDC21HK-102X	C CAP.	1000 μ F 50V	K *
C1625-26	NDC21HJ-391X	C CAP.	390 μ F 50V	J *
C1627-28	NDC21HK-102X	C CAP.	1000 μ F 50V	K *
C1629	NCB21HK-103X	C CAP.	0.01 μ F 50V	K *
C1630	NCF21EZ-104X	C CAP.	0.1 μ F 25V	Z *
C1631	QETN1CM-107Z	E CAP.	100 μ F 16V	M *
C1632	NCF21EZ-104X	C CAP.	0.1 μ F 25V	Z *
C1644-45	NDC21HJ-470X	C CAP.	47 μ F 50V	J *
C1646	NDC21HJ-820X	C CAP.	82 μ F 50V	J *
C1647	NCB21HK-472X	C CAP.	4700 μ F 50V	K *
C1648	NDC21HJ-180X	C CAP.	18 μ F 50V	J *
C1651-53	QETN1HM-105Z	E CAP.	1 μ F 50V	M *
C1654	QETN1HM-107Z	E CAP.	100 μ F 50V	M *
C1655	QETN1HM-106Z	E CAP.	10 μ F 50V	M *
C1656-57	NCF21HZ-224X	C CAP.	0.22 μ F 50V	Z *
C1658	QETN1HM-228	E CAP.	2200 μ F 50V	M *
C1659-62	NCF21HZ-224X	C CAP.	0.22 μ F 50V	Z *
C1663-65	QETN1VM-108	E CAP.	1000 μ F 35V	M *
C1667	QETN1CM-227Z	E CAP.	220 μ F 16V	M *
C1668-69	QETN1HM-105Z	E CAP.	1 μ F 50V	M *
C1670	QETN1HM-106Z	E CAP.	10 μ F 50V	M *
C1671	QETN1CM-476Z	E CAP.	47 μ F 16V	M *
C1672	NDC21HJ-100X	C CAP.	10 μ F 50V	J *
C1673	QETN1HM-105Z	E CAP.	1 μ F 50V	M *
C1674	NDC21HJ-100X	C CAP.	10 μ F 50V	J *
C1675	QETN1HM-105Z	E CAP.	1 μ F 50V	M *
C1679	QETN1HM-106Z	E CAP.	10 μ F 50V	M *
C1680-81	NDC21HJ-221X	C CAP.	220 μ F 50V	J *
C1682	QETN1CM-227Z	E CAP.	220 μ F 16V	M *
C1701	NDC21HJ-471X	C CAP.	470 μ F 50V	J *

Symbol No.	Part No.	Part Name	Description	Local
CAPACITOR				
C1702	NCB21HK-682X	C CAP.	6800 μ F 50V	K *
C1703	NCB21HK-104X	CHIP CAP.	0.1 μ F 50V	K *
C1704	QETN1AM-107Z	E CAP.	100 μ F 10V	M *
C1705-06	NDC21HJ-2R0X	C CAP.	2.0 μ F 50V	J *
C1707	NCB21HK-104X	CHIP CAP.	0.1 μ F 50V	K *
C1708	NCB21HK-333X	C CAP.	0.033 μ F 50V	K *
C1709	NCB21HK-104X	CHIP CAP.	0.1 μ F 50V	K *
C1710	QETN1EM-476Z	E CAP.	47 μ F 25V	M *
C1711	NCB21HK-104X	CHIP CAP.	0.1 μ F 50V	K *
C1712	NCB21HK-333X	C CAP.	0.033 μ F 50V	K *
C1713	NCB21HK-104X	CHIP CAP.	0.1 μ F 50V	K *
C1714	QETN1HM-474Z	E CAP.	0.47 μ F 16V	M *
C1715	QETN1CM-476Z	E CAP.	47 μ F 16V	M *
C1717	QETN1HM-106Z	E CAP.	10 μ F 50V	M *
C1718	NDC21HJ-471X	C CAP.	470 μ F 50V	J *
C1719	NCF21CZ-105X	C CAP.	1 μ F 16V	Z *
C1720	NCB21HK-102X	C CAP.	1000 μ F 50V	K *
C1757	NCS21HJ-471X	C CAP.	470 μ F 50V	J *
C1758	QETN1AM-227Z	E CAP.	220 μ F 10V	M *
C1759	NCB21HK-104X	CHIP CAP.	0.1 μ F 50V	K *
C1760-61	NDC21HJ-150X	C CAP.	15 μ F 50V	J *
C1762	NCB21HK-104X	CHIP CAP.	0.1 μ F 50V	K *
C1763	QETN1CM-476Z	E CAP.	47 μ F 16V	M *
C1764	NCB21HK-104X	CHIP CAP.	0.1 μ F 50V	K *
C1766-68	NCB21HK-104X	CHIP CAP.	0.1 μ F 50V	K *
C1769-71	QETN1HM-106Z	E CAP.	10 μ F 50V	M *
C1772	QETN1CM-476Z	E CAP.	47 μ F 16V	M *
C1773	QETN1CM-107Z	E CAP.	100 μ F 16V	M *
C1774	NDC21HJ-151X	C CAP.	150 μ F 50V	J *
C1780	NCB21HK-104X	CHIP CAP.	0.1 μ F 50V	K *
C1781	NDC21HJ-101X	C CAP.	100 μ F 50V	J *
C1782	NDC21HK-102X	C CAP.	1000 μ F 50V	K *
C1783	NDC21HJ-151X	C CAP.	150 μ F 50V	J *
C1784	QETN1CM-227Z	E CAP.	220 μ F 16V	M *
C1901	QETN1CM-107Z	E CAP.	100 μ F 16V	M *
C1902	QETN1HM-106Z	E CAP.	10 μ F 50V	M *
TRANSFORMER				
T1101	CE42697-001		LOWPASS FILTER	
T1111	CE42697-001		LOWPASS FILTER	
T1121	CE42697-001		LOWPASS FILTER	
COIL				
L1001-02	QQL01BK-8R2Z	COIL	8.2 μ H	K *
L1004	QQL01BK-5R6Z	COIL	5.6 μ H	K *
L1101	QRN143J-OR0X	C R	0.0 Ω 1/4W	J *
L1102-05	QQL03BJ-220Z	COIL	22 μ H	J *
L1111	QQL03BJ-220Z	COIL	22 μ H	J *
L1121	QQL03BJ-330Z	COIL	33 μ H	J *
L1302	NQL024J-5R6X	COIL	5.6 μ H	
L1601-02	QRN143J-OR0X	C R	0.0 Ω 1/4W	J *
L1604	QQL01BJ-180Z	COIL	18 μ H	J *
L1605	QQL01BJ-220Z	COIL	22 μ H	J *
L1701	QQL01BK-4R7Z	COIL	4.7 μ H	K *
L1702	QQL01BK-5R6Z	COIL	5.6 μ H	K *
L1752	QRN143J-OR0X	C R	0.0 Ω 1/4W	J *
L1753	QQL01BK-4R7Z	COIL	4.7 μ H	K *
DIODE				
D1201-11	MA3130/H-X	ZENER DIODE		*
D1214-15	MA3130/H-X	ZENER DIODE		*
D1402	BYD3D-T3	SI.DIODE		*
D1403-04	MA3330/L-X	ZENER DIODE		*

△	Symbol No.	Part No.	Part Name	Description	Local
DIODE					
D1461	MA111-X	SI.DIODE		*	
D1462	MA3220/M/-X	ZENER DIODE		*	
D1502	MA111-X	SI.DIODE		*	
D1504	MA111-X	SI.DIODE		*	
D1653-55	MA3330/L/-X	ZENER DIODE			
D1658	MA153A-X	SI.DIODE			
D1660	MA111-X	SI.DIODE		*	
D1661	MA153A-X	SI.DIODE			
D1664-65	MA111-X	SI.DIODE		*	
D1666	MA3062/M/-X	ZENER DIODE		*	
D1667-68	MA3150/M/-X	ZENER DIODE		*	
D1701-02	MA111-X	SI.DIODE		*	
D1704	ISS244-T2	SI.DIODE			
D1708	MA111-X	SI.DIODE		*	
D1709	MA3068/M/-X	ZENER DIODE		*	
D1710	MA111-X	SI.DIODE		*	
D1712	MA111-X	SI.DIODE		*	
D1751-53	MA111-X	SI.DIODE		*	
D1754	MA3062/M/-X	ZENER DIODE		*	
D1771-74	MA3056/M/-X	ZENER DIODE		*	
D1901	MA3130/H/-X	ZENER DIODE		*	

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TRANSISTOR

Q1101-04	2SC2412K/QR/-X	SI.TRANSISTOR	*	
Q1111	2SC2412K/QR/-X	SI.TRANSISTOR	*	
Q1112	2SA1037AK/QR/-X	SI.TRANSISTOR	*	
Q1113-14	2SC2412K/QR/-X	SI.TRANSISTOR	*	
Q1121	2SC2412K/QR/-X	SI.TRANSISTOR	*	
Q1122	2SA1037AK/QR/-X	SI.TRANSISTOR	*	
Q1123-24	2SC2412K/QR/-X	SI.TRANSISTOR	*	
Q1131-32	2SC2412K/QR/-X	SI.TRANSISTOR	*	
Q1201-02	2SC2712/YG/-X	SI.TRANSISTOR	*	
Q1203	2SC1815/YG/-T	SI.TRANSISTOR	*	
Q1204-05	2SC2712/YG/-X	SI.TRANSISTOR	*	
Q1206-07	DTC323TK-X	DIGI.TRANSISTOR	*	
Q1208	2SA1162/YG/-X	SI.TRANSISTOR	*	
Q1209	2SA1015/YG/-T	SI.TRANSISTOR	*	
Q1211	2SA1162/YG/-X	SI.TRANSISTOR	*	
Q1213-14	2SC2712/YG/-X	SI.TRANSISTOR	*	
Q1215-16	DTC323TK-X	DIGI.TRANSISTOR	*	
Q1217	2SA1162/YG/-X	SI.TRANSISTOR	*	
Q1220-21	2SC2712/YG/-X	SI.TRANSISTOR	*	
Q1301	2SA1162/YG/-X	SI.TRANSISTOR	*	
Q1303-04	2SA1162/YG/-X	SI.TRANSISTOR	*	
Q1305	2SC2712/YG/-X	SI.TRANSISTOR	*	
Q1346	2SC2712/YG/-X	SI.TRANSISTOR	*	
Q1351	DTC124EKA-X	DIGI.TRANSISTOR	*	
Q1381-83	2SC2712/YG/-X	SI.TRANSISTOR	*	
Q1461-62	2SC2712/YG/-X	SI.TRANSISTOR	*	
Q1571	2SA966/0Y/-T	SI.TRANSISTOR	*	
Q1572	2SC2712/YG/-X	SI.TRANSISTOR	*	
Q1603	2SC2712/YG/-X	SI.TRANSISTOR	*	
Q1654-56	DTC323TK-X	DIGI.TRANSISTOR	*	
Q1657	2SC2712/YG/-X	SI.TRANSISTOR	*	
Q1658-60	2SA1162/YG/-X	SI.TRANSISTOR	*	
Q1701-08	2SC2712/YG/-X	SI.TRANSISTOR	*	
Q1709	2SA1162/YG/-X	SI.TRANSISTOR	*	
Q1752	2SA1162/YG/-X	SI.TRANSISTOR	*	
Q1753	DTC124EKA-X	DIGI.TRANSISTOR	*	
Q1901	2SA1162/YG/-X	SI.TRANSISTOR	*	
Q1902	2SC2712/YG/-X	SI.TRANSISTOR	*	

IC

IC1101	TC9090AN	I.C.(DIGI-MOS)	
IC1301	CXA1545AS	I.C.(MONO-ANA)	*

△	Symbol No.	Part No.	Part Name	Description	Local
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IC

IC1302	LA7222	I.C.(MONO-ANA)		
IC1303	TDA9143/N3	I.C.(MONO-ANA)	*	
IC1304	TDA4665	I.C.(MONO-ANA)	*	
IC1305	LA7016	I.C.(MONO-ANA)	*	
IC1401	LA7841	I.C.(MONO-ANA)		
IC1551	LA6515	I.C.(MONO-ANA)		
IC1571	LA6515	I.C.(MONO-ANA)		
IC1601	MSP3410D-PP-B4	I.C.(DIGI-OTHER)	*	
IC1651	TA8256BH	I.C.(HYBRID)		
IC1652	BA4558F-X	I.C.(MONO-ANA)	*	
IC1701	M37280MK-101SP	I C		
IC1702	L7BLR05E-MA	I.C.(MONO-ANA)	*	
IC1703	AT24C1632WFP1	I.C.		
IC1754	SDA5275S	I.C.(MICRO-PROC)	(SERVICE)	*
IC1755	MSM514400D-60ZS	I.C.(D-RAM)		
IC1756	TC4053BP/W	I.C.(DIGI-MOS)		

OTHERS

CN1002	CEMS009-064	I.C.SOCKET		
CN1008	CHC108N-25T-AE	FFC CONNECTOR	*	
K1001	CHA401B-35P-J	HQF PLUG		
K1009	QRN143J-OROX	C R	0.0Ω 1/4W J	*
K1101	QRN143J-OROX	C R	0.0Ω 1/4W J	*
K1401	CE41433-001Z	BEADS CORE		
K1701	CE41433-001Z	BEADS CORE		
LC1101	CE42142-222Z	EMI FILTER		
LC1601	CE42142-103Z	EMI FILTER	*	
TU1001	QAU0132-001	TUNER		
W1001-02	NRSA02J-OROX	MG R	0.0Ω 1/10W J	*
X1311	CE40749-001Z	CRYSTAL		
X1312	CE40668-001Z	CRYSTAL		
X1601	CE42546-001Z	CRYSTAL		
X1701	CST8.00MTW	CER.RESONATOR		
X1752	QAX0351-001Z	CRYSTAL		
Y1306	NRSA02J-OROX	MG R	0.0Ω 1/10W J	*
Y1312-13	NRSA02J-OROX	MG R	0.0Ω 1/10W J	*
Y1314	NRSA02J-682X	MG R	6.8kΩ 1/10W J	*
Y1315-17	NRSA02J-OROX	MG R	0.0Ω 1/10W J	*
Y1324-26	NRSA02J-OROX	MG R	0.0Ω 1/10W J	*
Y1328	NRSA02J-OROX	MG R	0.0Ω 1/10W J	*
Y1401	NRSA02J-OROX	MG R	0.0Ω 1/10W J	*
Y1502-05	NRSA02J-OROX	MG R	0.0Ω 1/10W J	*
Y1651-52	NRSA02J-OROX	MG R	0.0Ω 1/10W J	*
Y1654	NRSA02J-OROX	MG R	0.0Ω 1/10W J	*
Y1750-51	NRSA02J-OROX	MG R	0.0Ω 1/10W J	*

POWER / DEF PW BOARD ASS'Y (SMD-2001A-U2)

Refer to PARTS LIST in page 51 for this P.W. board.

CRT SOCKET PW BOARD ASS'Y (SMD-3001A-U2)

Refer to PARTS LIST in page 53 for this P.W. board.

AUDIO PW BOARD ASS'Y (SMD-6001A-U2)

Refer to PARTS LIST in page 54 for this P.W. board.

**FRONT CONTROL PW BOARD ASS'Y
(SMD-8001A-U2)**

Refer to PARTS LIST in page 54 for this P.W. board.

DOLBY PW BOARD ASS'Y (SMD0D001A-U2)

Refer to PARTS LIST in page 55 for this P.W. board.

IF PW BOARD ASS'Y (SMD0F902A-U2)

Symbol No.	Part No.	Part Name	Description	Local
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RESISTOR

R0020	NRSA02J-472X	MG R	4.7kΩ 1/10W	J *
R0021	NRSA02J-122X	MG R	1.2kΩ 1/10W	J *
R0022	NRSA02J-331X	MG R	330Ω 1/10W	J *
R0023	NRSA02J-680X	MG R	68Ω 1/10W	J *
R0024	NRSA02J-330X	MG R	33Ω 1/10W	J *
R0030-31	NRSA02J-150X	MG R	15Ω 1/10W	J *
R0057	NRSA02J-472X	MG R	4.7kΩ 1/10W	J *
R0058-59	NRSA02J-273X	MG R	27kΩ 1/10W	J *
R0063	NRSA02J-822X	MG R	8.2kΩ 1/10W	J *
R0064	NRSA02J-0R0X	MG R	0.0Ω 1/10W	J *
R0065	NRSA02J-470X	MG R	47Ω 1/10W	J *
R0070-71	NRSA02J-393X	MG R	39kΩ 1/10W	J *
R0080-81	NRSA02J-473X	MG R	47kΩ 1/10W	J *
R0082	NRSA02J-272X	MG R	2.7kΩ 1/10W	J *
R0101	NRSA02J-822X	MG R	8.2kΩ 1/10W	J *
R0102	NRSA02J-471X	MG R	470Ω 1/10W	J *
R0108	NRSA02J-102X	MG R	1kΩ 1/10W	J *
R0109	NRSA02J-151X	MG R	150Ω 1/10W	J *
R0111-12	NRSA02J-151X	MG R	150Ω 1/10W	J *
R0113	NRSA02J-271X	MG R	270Ω 1/10W	J *
R0114	NRSA02J-0R0X	MG R	0.0Ω 1/10W	J *
R0116	NRSA02J-102X	MG R	1kΩ 1/10W	J *
R0140	NRSA02J-474X	MG R	470kΩ 1/10W	J *
R0141	NRSA02J-101X	MG R	100Ω 1/10W	J *
R0142	NRSA02J-391X	MG R	390Ω 1/10W	J *
R0143	NRSA02J-750X	MG R	75Ω 1/10W	J *
R0144	NRSA02J-474X	MG R	470kΩ 1/10W	J *
R0145	NRSA02J-332X	MG R	3.3kΩ 1/10W	J *
R0146	NRSA02J-104X	MG R	100kΩ 1/10W	J *

CAPACITOR

C0020-23	NCB21HK-472X	C CAP.	4700pF	50V K	*
C0030	NCB21HK-472X	C CAP.	4700pF	50V K	*
C0040	NCB21HK-682X	C CAP.	6800pF	50V K	*
C0041	QETN1CM-107Z	E CAP.	100μF	16V M	*
C0042	NCB21HK-103X	C CAP.	0.01μF	50V K	*
C0043	QETN1CM-107Z	E CAP.	100μF	16V M	*
C0044	NCB21HK-103X	C CAP.	0.01μF	50V K	*
C0045-46	NRSA02J-0R0X	MG R	0.0Ω 1/10W	J	*
C0047	QETN1CM-227Z	E CAP.	220μF	16V M	*
C0048	NCB21HK-103X	C CAP.	0.01μF	50V K	*
C0050	QETN1HM-105Z	E CAP.	1μF	50V M	*
C0054	NCB21HK-103X	C CAP.	0.01μF	50V K	*
C0055	QETN1CM-107Z	E CAP.	100μF	16V M	*
C0056	QETN1HM-474Z	E CAP.	0.47μF	50V M	*
C0057	NDC21HJ-102X	C CAP.	1000pF	50V J	*
C0058	NCB21HK-472X	C CAP.	4700pF	50V K	*
C0060	NRSA02J-0R0X	MG R	0.0Ω 1/10W	J	*
C0062	QETN1HM-474Z	E CAP.	0.47μF	50V M	*
C0063	NRSA02J-0R0X	MG R	0.0Ω 1/10W	J	*
C0064	NCB21HK-472X	C CAP.	4700pF	50V K	*
C0065	QETN1HM-105Z	E CAP.	1μF	50V M	*
C0069-70	NCB21HK-103X	C CAP.	0.01μF	50V K	*
C0071	QETN1HM-336Z	E CAP.	33μF	50V	*
C0080-81	NCB21HK-472X	C CAP.	4700pF	50V K	*
C0101	QETN1CM-476Z	E CAP.	47μF	16V M	*
C0104	NDC21HJ-221X	C CAP.	220pF	50V J	*
C0105	NCB21HK-103X	C CAP.	0.01μF	50V K	*
C0140	QETN1HM-335Z	E CAP.	3.3μF	50V M	*
C0141	NDC21HJ-561X	C CAP.	560pF	50V J	*
C0142	QETN1HM-105Z	E CAP.	1μF	50V M	*
C0143	QFLC1HJ-683Z	M CAP.	0.068μF	50V J	*
C0144	QETN1HM-335Z	E CAP.	3.3μF	50V M	*
C0145	NCB21HK-222X	C CAP.	2200pF	50V K	*

△ Symbol No.	Part No.	Part Name	Description	Local
TRANSFORMER				
T0020	QQR0626-001	I.F. TRANSF.		*
T0050	CELT001-307	C.WAVE TRANSF.		*
COIL				
L0020	QQLZ014-R47	PEAKING COIL	0.47μH	*
L0021	NQL011K-1R5X	COIL	1.5μH	*
L0030	NQL011K-2R2X	COIL	2.2μH	*
L0040	NQL024J-120X	COIL	12μH	
L0042	NQL024J-330X	COIL	33μH	
L0054	NQL024J-330X	COIL	33μH	
L0070	NQL011K-5R6X	COIL	5.6μH	*
L0103	NQL011K-8R2X	COIL	8.2μH	*
L0104	NQL011K-5R6X	COIL	5.6μH	*
TRANSISTOR				
Q0012	2SC5083/L-P/-T	SI.TRANSISTOR		*
Q0080	2SC2712/YG/-X	SI.TRANSISTOR		*
Q0101	2SC2712/YG/-X	SI.TRANSISTOR		*
Q0107	2SA1162/YG/-X	SI.TRANSISTOR		*
Q0109-10	2SC2712/YG/-X	SI.TRANSISTOR		*
IC				
IC0010	TA8865BN	I.C.(MONO-ANA)		*
OTHERS				
CF0010-11	FTP41.50MF	CERAMIC FILTER		*
CF0100	TPSH6.0MB	CERAMIC FILTER		*
CF0140	CSB503F30-T2	CER. RESONATOR		*
SF0010	QAX0315-001	SAW FILTER		*
SF0012	QAX0352-002	SAW FILTER		*
W0008	NRSA02J-OROX	MG R	0.0Ω 1/10W J	*
W0013	NRSA02J-OROX	MG R	0.0Ω 1/10W J	*
W0015	NRSA02J-OROX	MG R	0.0Ω 1/10W J	*
W0025-26	NRSA02J-OROX	MG R	0.0Ω 1/10W J	*
W0028-29	NRSA02J-OROX	MG R	0.0Ω 1/10W J	*
W0031-32	NRSA02J-OROX	MG R	0.0Ω 1/10W J	*
W0036	NRSA02J-OROX	MG R	0.0Ω 1/10W J	*
W0073-75	NRSA02J-OROX	MG R	0.0Ω 1/10W J	*
W0094-99	NRSA02J-OROX	MG R	0.0Ω 1/10W J	*
Y0002-04	NRSA02J-OROX	MG R	0.0Ω 1/10W J	*

AV TERMINAL PW BOARD ASS'Y (SMD0J001A-U2)

Refer to PARTS LIST in page 58 for this P.W. board.

P & P PW BOARD ASS'Y (SMD0P901A-U2)

△ Symbol No.	Part No.	Part Name	Description	Local
RESISTOR				

R0002	NRSA02J-104X	MG R	100kΩ 1/10W J	*
R0003-06	NRSA02J-102X	MG R	1kΩ 1/10W J	*
R0100	NRSA02J-472X	MG R	4.7kΩ 1/10W J	*
R0101	NRSA02J-122X	MG R	1.2kΩ 1/10W J	*
R0102	NRSA02J-331X	MG R	330Ω 1/10W J	*
R0103	NRSA02J-680X	MG R	68Ω 1/10W J	*
R0104	NRSA02J-330X	MG R	33Ω 1/10W J	*
R0113	NRSA02J-332X	MG R	3.3kΩ 1/10W J	*
R0114	NRSA02J-474X	MG R	470kΩ 1/10W J	*
R0115	NRSA02J-750X	MG R	75Ω 1/10W J	*
R0116	NRSA02J-101X	MG R	100Ω 1/10W J	*
R0117	NRSA02J-391X	MG R	390Ω 1/10W J	*
R0118	NRSA02J-474X	MG R	470kΩ 1/10W J	*
R0119	NRSA02J-471X	MG R	470Ω 1/10W J	*
R0120	NRSA02J-562X	MG R	5.6kΩ 1/10W J	*
R0121	NRSA02J-822X	MG R	8.2kΩ 1/10W J	*
R0123	NRSA02J-470X	MG R	47Ω 1/10W J	*
R0126-27	NRSA02J-150X	MG R	15Ω 1/10W J	*
R0131-32	NRSA02J-393X	MG R	39kΩ 1/10W J	*
R0133	NRSA02J-273X	MG R	27kΩ 1/10W J	*
R0134	NRSA02J-222X	MG R	2.2kΩ 1/10W J	*
R0135	NRSA02J-273X	MG R	27kΩ 1/10W J	*
R0138-39	NRSA02J-473X	MG R	47kΩ 1/10W J	*
R0140	NRSA02J-272X	MG R	2.7kΩ 1/10W J	*
R0141	NRSA02J-104X	MG R	100kΩ 1/10W J	*
R0144	NRSA02J-103X	MG R	10kΩ 1/10W J	*
R0145	NRSA02J-332X	MG R	3.3kΩ 1/10W J	*
R0146	NRSA02J-222X	MG R	2.2kΩ 1/10W J	*
R0166	NRSA02J-102X	MG R	1kΩ 1/10W J	*
R0167-68	NRSA02J-151X	MG R	150Ω 1/10W J	*
R0169	NRSA02J-271X	MG R	270Ω 1/10W J	*
R0170	NRSA02J-222X	MG R	2.2kΩ 1/10W J	*
R0171	NRSA02J-151X	MG R	150Ω 1/10W J	*
R0172	NRSA02J-331X	MG R	330Ω 1/10W J	*
R0174	NRSA02J-561X	MG R	560Ω 1/10W J	*
R0176	NRSA02J-561X	MG R	560Ω 1/10W J	*
R0178	NRSA02J-152X	MG R	1.5kΩ 1/10W J	*
R0301	NRSA02J-153X	MG R	15kΩ 1/10W J	*
R0302	NRSA02J-823X	MG R	82kΩ 1/10W J	*
R0303-04	NRSA02J-101X	MG R	100Ω 1/10W J	*
R0305-07	NRSA02J-103X	MG R	10kΩ 1/10W J	*
R0601	NRSA02J-102X	MG R	1kΩ 1/10W J	*
R0602	NRSA02J-822X	MG R	8.2kΩ 1/10W J	*
R0603	QRZ9017-470	FUSI. RESISTOR	47 Ω 1/4W J	*
R0604	NRSA02J-104X	MG R	100kΩ 1/10W J	*
R0605	NRSA02J-683X	MG R	68kΩ 1/10W J	*
R0606	NRSA02J-272X	MG R	2.7kΩ 1/10W J	*
R0607	NRSA02J-392X	MG R	3.9kΩ 1/10W J	*
R0608-09	NRSA02J-562X	MG R	5.6kΩ 1/10W J	*
R0801-02	NRSA02J-820X	MG R	82Ω 1/10W J	*
R0803	NRSA02J-103X	MG R	10kΩ 1/10W J	*
R0804-09	NRSA02J-101X	MG R	100Ω 1/10W J	*
R0810-11	NRSA02J-393X	MG R	39kΩ 1/10W J	*
R0814-17	NRSA02J-OROX	MG R	0.0Ω 1/10W J	*
R0820	NRSA02J-103X	MG R	10kΩ 1/10W J	*
R0822	NRSA02J-103X	MG R	10kΩ 1/10W J	*

△	Symbol No.	Part No.	Part Name	Description	Local	△	Symbol No.	Part No.	Part Name	Description	Local	
RESISTOR												
R0824	NRSA02J-222X	MG R	2.2kΩ 1/10W	J	*	C0142	NCB21HK-103X	C CAP.	0.01μF	50V	K	
R0825	NRSA02J-102X	MG R	1kΩ 1/10W	J	*	C0143-44	NCB21HK-472X	C CAP.	4700pF	50V	K	
R0826	NRSA02J-222X	MG R	2.2kΩ 1/10W	J	*	C0145	NCF21EZ-104X	C CAP.	0.1μF	25V	Z	
R0827	NRSA02J-0R0X	MG R	0.0Ω 1/10W	J	*	C0148	NRSA02J-0R0X	MG R	0.0Ω 1/10W	J	*	
R0828	NRSA02J-331X	MG R	330Ω 1/10W	J	*	C0149	NCF21EZ-104X	C CAP.	0.1μF	25V	Z	
R0829	NRSA02J-222X	MG R	2.2kΩ 1/10W	J	*	C0153	NDC21HJ-221X	C CAP.	220pF	50V	J	
R0830	NRSA02J-0R0X	MG R	0.0Ω 1/10W	J	*	C0154-55	NCF21EZ-104X	C CAP.	0.1μF	25V	Z	
R0831	NRSA02J-150X	MG R	15Ω 1/10W	J	*	C0160	NEH71CM-476X	E CAP.	47pF	16V	M	
R0832	NRSA02J-151X	MG R	150Ω 1/10W	J	*	C0165	NCB21HK-103X	C CAP.	0.01μF	50V	K	
R0833	NRSA02J-182X	MG R	1.8kΩ 1/10W	J	*	C0166	NRSA02J-0R0X	MG R	0.0Ω 1/10W	J	*	
R0834	NRSA02J-0R0X	MG R	0.0Ω 1/10W	J	*	C0304	NCB21HK-332X	C CAP.	3300pF	50V	K	
R0835	NRSA02J-150X	MG R	15Ω 1/10W	J	*	C0305	NCF21EZ-474X	C CAP.	0.47μF	25V	Z	
R0836	NRSA02J-151X	MG R	150Ω 1/10W	J	*	C0306	NENS1HM-105X	CHIP AL BP E CAP	1μF	50V	M	
R0837	NRSA02J-332X	MG R	3.3kΩ 1/10W	J	*	C0307	NCF21EZ-104X	C CAP.	0.1μF	25V	Z	
R0838	NRSA02J-0R0X	MG R	0.0Ω 1/10W	J	*	C0308	NCB21HK-332X	C CAP.	3300pF	50V	K	
R0839	NRSA02J-222X	MG R	2.2kΩ 1/10W	J	*	C0309	NCF21EZ-104X	C CAP.	0.1μF	25V	Z	
R0840	NRSA02J-822X	MG R	8.2kΩ 1/10W	J	*	C0310-11	NDC21HJ-150X	C CAP.	15pF	50V	J	
R0841	NRSA02J-103X	MG R	10kΩ 1/10W	J	*	C0312-16	NCF21EZ-104X	C CAP.	0.1μF	25V	Z	
R0842	NRSA02J-562X	MG R	5.6kΩ 1/10W	J	*	C0317	QETM1AM-477	E CAP.	470pF	10V	M	
R0843	NRSA02J-472X	MG R	4.7kΩ 1/10W	J	*	C0318-20	NCF21EZ-104X	C CAP.	0.1μF	25V	Z	
R0844	NRSA02J-222X	MG R	2.2kΩ 1/10W	J	*	C0321-23	NEH71CM-476X	E CAP.	47pF	16V	M	
R0845-48	NRSA02J-221X	MG R	220Ω 1/10W	J	*	C0601	NCB21HK-393X	C CAP.	0.039μF	50V	K	
R0849	NRSA02J-222X	MG R	2.2kΩ 1/10W	J	*	C0602	QETM1CM-107	E CAP.	100pF	16V	M	
R0850	NRSA02J-101X	MG R	100Ω 1/10W	J	*	C0603	NCB21HK-103X	C CAP.	0.01μF	50V	K	
R0851	NRSA02J-153X	MG R	15kΩ 1/10W	J	*	C0604	NEH71CM-476X	E CAP.	47pF	16V	M	
R0852	NRSA02J-472X	MG R	4.7kΩ 1/10W	J	*	C0605	NEH71CM-106X	E CAP.	10μF	16V	M	
R0853-54	NRSA02J-102X	MG R	1kΩ 1/10W	J	*	C0606	NEH71HM-105X	E CAP.	1μF	50V	M	
R0855	NRSA02J-223X	MG R	22kΩ 1/10W	J	*	C0800	NEH71CM-106X	E CAP.	10pF	16V	M	
R0856-58	NRSA02J-473X	MG R	47kΩ 1/10W	J	*	C0801	NEH71CM-476X	E CAP.	47pF	16V	M	
R0859-62	NRSA02J-562X	MG R	5.6kΩ 1/10W	J	*	C0802-03	NCF21EZ-104X	C CAP.	0.1μF	25V	Z	
R0867-68	NRSA02J-101X	MG R	100Ω 1/10W	J	*	C0804	NCB21HK-104X	CHIP CAP.	0.1μF	50V	K	
R0869-71	NRSA02J-820X	MG R	82Ω 1/10W	J	*	C0805-08	NCF21EZ-104X	C CAP.	0.1μF	25V	Z	
R0872-74	NRSA02J-821X	MG R	820Ω 1/10W	J	*	C0809	NCB21HK-104X	CHIP CAP.	0.1μF	50V	K	
R0875-99	NRSA02J-820X	MG R	82Ω 1/10W	J	*	C0813-14	NCF21EZ-104X	C CAP.	0.1μF	25V	Z	
R0900-04	NRSA02J-820X	MG R	82Ω 1/10W	J	*	C0817	NCB21HK-104X	CHIP CAP.	0.1μF	50V	K	
CAPACITOR												
C0001	NCB21HK-222X	C CAP.	2200pF	50V	K	*	C0818	NCF21EZ-104X	C CAP.	0.1μF	25V	Z
C0002	NEH71CM-106X	E CAP.	10μF	16V	M	*	C0822-26	NCF21EZ-104X	C CAP.	0.1μF	25V	Z
C0005	NCF21EZ-104X	C CAP.	0.1μF	25V	Z	*	C0829-36	NCF21EZ-104X	C CAP.	0.1μF	25V	Z
C0006	QETM1HM-107	E CAP.	100pF	50V	M	*	C0837-38	NEH71CM-476X	E CAP.	47pF	16V	M
C0007	NEHE1EN-107X	E CAP.	100pF	25V	M	*	C0844	NCF21EZ-104X	C CAP.	0.1μF	25V	Z
C0008	NCF21EZ-104X	C CAP.	0.1μF	25V	Z	*	C0845	NEH71CM-476X	E CAP.	47pF	16V	M
C0009	NCB21HK-102X	C CAP.	1000pF	50V	K	*	C0846	NDC21HJ-220X	C CAP.	22pF	50V	J
C0100	NEHE1EM-227X	E CAP.	220μF	16V	M	*	C0850	NEH71CM-106X	E CAP.	10μF	16V	M
C0102-05	NCB21HK-472X	C CAP.	4700pF	50V	K	*	C0851-52	NCB21EK-104X	C CAP.	0.1μF	25V	K
C0110	NCB21HK-222X	C CAP.	2200pF	50V	K	*	C0853	NEH71CM-106X	E CAP.	10μF	16V	M
C0111	NEH71HM-335X	E CAP.	3.3μF	50V	M	*	C0854-55	NCB21EK-104X	C CAP.	0.1μF	25V	K
C0112	QFLB1HJ-683	H CAP.	0.068pF	50V	J	*	C0856	NEH71CM-476X	E CAP.	47pF	16V	M
C0113	NEH71HM-105X	E CAP.	1μF	50V	M	*	C0857	NEH71EM-475X	E CAP.	4.7μF	25V	M
C0114	NDC21HJ-561X	C CAP.	560pF	50V	J	*	C0858	NCF21EZ-104X	C CAP.	0.1μF	25V	Z
C0115	NEH71HM-335X	E CAP.	3.3μF	50V	M	*	C0859	NDC21HJ-220X	C CAP.	22pF	50V	J
C0116	NEHE1EM-107X	E CAP.	100pF	25V	M	*	C0860	NDC21HJ-680X	C CAP.	68pF	50V	J
C0117	NCB21HK-103X	C CAP.	0.01μF	50V	K	*	C0861	NDC21HJ-220X	C CAP.	22pF	50V	J
C0118	NCB21HK-682X	C CAP.	6800pF	50V	K	*	C0862-64	NDC21HJ-680X	C CAP.	68pF	50V	J
C0120	NEH71HM-105X	E CAP.	1μF	50V	M	*	C0865	NEH71CM-106X	E CAP.	10μF	16V	M
C0123	NEHE1EM-107X	E CAP.	100pF	25V	M	*	C0866-71	NCF21EZ-104X	C CAP.	0.1μF	25V	Z
C0124-26	NCB21HK-103X	C CAP.	0.01μF	50V	K	*	C0872	NCB21HK-104X	CHIP CAP.	0.1μF	50V	K
C0129	QETM1CM-107	E CAP.	100pF	16V	M	*	C0873	NCF21EZ-104X	C CAP.	0.1μF	25V	Z
C0130	NDC21HJ-102X	C CAP.	1000pF	50V	J	*	C0874	NCB21HK-104X	CHIP CAP.	0.1μF	50V	K
C0131	NEH71HM-474X	E CAP.	0.47μF	50V	M	*	C0875	NENS1HM-105X	CHIP AL BP E CAP	1μF	50V	M
C0133-34	NCB21HK-472X	C CAP.	4700pF	50V	K	*	C0876	NDC21HJ-221X	C CAP.	220pF	50V	J
C0135	NEH71EM-336X	E CAP.	33pF	25V	M	*	C0877	NEH71CM-106X	E CAP.	10μF	16V	M
C0136	NCB21HK-103X	C CAP.	0.01μF	50V	K	*						
C0137	NCB21HK-472X	C CAP.	4700pF	50V	K	*						
C0138	NEH71HM-474X	E CAP.	0.47μF	50V	M	*						

TRANSFORMER

T0001	QQR0626-001	I.F. TRANSF.
T0102	CELT040-301	S.I.F. TRANSF.
T0103	CELT001-307	C.WAVE TRANSF.

Symbol No.	Part No.	Part Name	Description	Local
COIL				
L0002-05	NQL024J-100X	COIL	10μH	
L0100	QQLZ014-R47	PEAKING COIL	0.47μH	*
L0102	NQL011K-1R5X	COIL	1.5μH	*
L0103	NQL024J-120X	COIL	12μH	
L0107	NQL011K-2R2X	COIL	2.2μH	*
L0109	NQL011K-5R6X	COIL	5.6μH	*
L0152	NQL011K-8R2X	COIL	8.2μH	*
L0153	NQL011K-5R6X	COIL	5.6μH	*
L0165	NQL011K-4R7X	COIL	4.7μH	*
L0801	NQL02BJ-4R7X	COIL	4.7μH	*
L0803	NQL011K-4R7X	COIL	4.7μH	*
L0804	NQL02BJ-4R7X	COIL	4.7μH	*
L0805-06	NQL011K-4R7X	COIL	4.7μH	*
TRANSISTOR				
Q0100	2SC5083/L-P/-T	SI.TRANSISTOR		*
Q0105	2SC2712/YG/-X	SI.TRANSISTOR		*
Q0108	2SC2712/YG/-X	SI.TRANSISTOR		*
Q0110	2SC2712/YG/-X	SI.TRANSISTOR		*
Q0166	2SA1162/YG/-X	SI.TRANSISTOR		*
Q0168-69	2SC2712/YG/-X	SI.TRANSISTOR		*
Q0600-01	2SC2712/YG/-X	SI.TRANSISTOR		*
Q0801-04	2SA1162/YG/-X	SI.TRANSISTOR		*
Q0805	2SC2712/YG/-X	SI.TRANSISTOR		*
Q0806-07	2SA1162/YG/-X	SI.TRANSISTOR		*
Q0808-09	2SC2712/YG/-X	SI.TRANSISTOR		*
Q0810	2SA1162/YG/-X	SI.TRANSISTOR		*
IC				
IC0101	TA8865BN	I.C.(MONO-ANA)		*
IC0301	TDA9143/M2/S1	I.C.(MONO-ANA)		
IC0302	TDA4665	I.C.(MONO-ANA)		*
IC0303	LA7016	I.C.(MONO-ANA)		*
IC0801	SAB9079HS/N1	I.C.		*
IC0802	MSM5416283-60-X	4M VD-RAM		
IC0803	AN5860	I.C.(MONO-ANA)		*
IC0804	TC4066BF/N/-XE	I.C.		
IC0805	CXA1875AM-X	I.C.(MONO-ANA)		
OTHERS				
CF0101	CSB503F30-T2	CER. RESONATOR		*
CF0102-03	FTP41.50MF	CERAMIC FILTER		*
CF0160	TPSH6.0MB	CERAMIC FILTER		*
CF0164	QAX0337-001	CERAMIC FILTER		
K0001-02	CE41433-001Z	BEADS CORE		*
SF0100	QAX0315-001	SAW FILTER		*
SF0102	QAX0352-002	SAW FILTER		
TU0001	QAU0132-001	TUNER		*
UD0001	CEGA016-001	RF SPLITTER		
W0001	NRSA02J-0R0X	MG R	0.0Ω 1/10W J	*
X0301	CE40749-001J1	CRYSTAL		*
X0302	CE40668-001	CRYSTAL		*
Y0103-07	NRSA02J-0R0X	MG R	0.0Ω 1/10W J	*
Y0110	NRSA02J-0R0X	MG R	0.0Ω 1/10W J	*

SUB MICON & AUTO PANORAMA PW BOARD ASS'Y (SMD0W001A-U2)

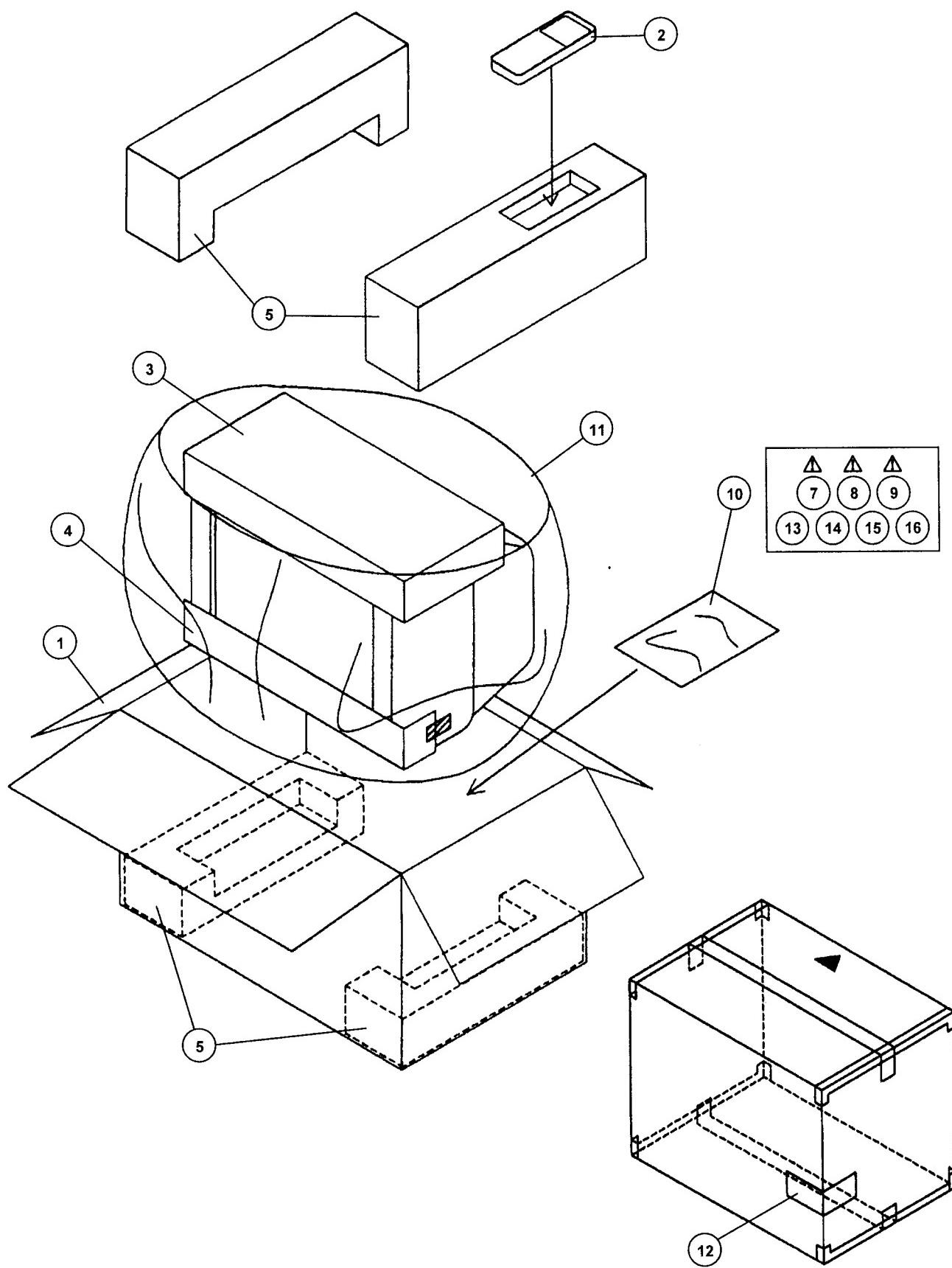
Refer to PARTS LIST in page 61 for this P.W. board.

100Hz PW BOARD ASS'Y (SMD0Z001A-U2)

Refer to PARTS LIST in page 62 for this P.W. board.

AV-32WFP1EU / AV-32WFP1EK

PACKING



PACKING PARTS LIST

AV-32WFP1EU

△ Ref. No.	Part No.	Part Name	Description	Local
1	AEM1002-065-E	PACKING CASE		*
2	RM-C787-1E	REMOCON UNIT		*
3	AEM3022-003-E	CUSHION SHEET		*
4	AEM3022-004-E	CUSHION SHEET		*
5	LC10384-002A-U	CUSHION ASSY	4pcs in 1set	*
△ 7	LCT0337-001A-U	INST BOOK	For ENG/GER/FRA/NED/ITA/ESP	*
△ 8	LCT0338-001A-U	INST BOOK	For FIN/NOR/DEN/SWE/POR	*
△ 9	LCT0339-001A-U	INST BOOK	For POL/CZE/HUN/ROM/BUL/RUS	*
10	AEM3021-001-E	POLY BAG		*
11	AEM1004-A07-E	POLY BAG		*
12	AEM1039-057-E	EURO LABEL		*
13	BT-20066A-E	ADDRESS CARD	(1295)	*
14	BT-54013-1E	WARRANTY CARD		*
15	LC10102-009A-U	X-RAY CARD		*
16	32WP2ENA-HSAE	S. DIAGRAM	ONLY ITALY(SERVICE)	

AV-32WFP1EK

1	AEM1002-065-E	PACKING CASE		*
2	RM-C786-1E	REMOCON UNIT		*
3	AEM3022-003-E	CUSHION SHEET		*
4	AEM3022-004-E	CUSHION SHEET		*
5	LC10384-002A-U	CUSHION ASSY	4pcs in 1set	*
△ 7	LCT0340-001A-U	INST BOOK		*
10	AEM3021-001-E	POLY BAG		*
11	AEM1004-A07-E	POLY BAG		*
12	AEM1039-056-E	EURO LABEL		*
13	BT-20066A-E	ADDRESS CARD	(1295)	*
14	BT-54013-1E	WARRANTY CARD		*

OPERATING INSTRUCTIONS [AV-32WFP1EU]

JVC

COLOUR TELEVISION AV-32WFP1EU

ENGLISH

Instructions

Thank you for buying this JVC colour television.
To make sure you understand how to use your new TV,
please read this manual thoroughly before you begin.

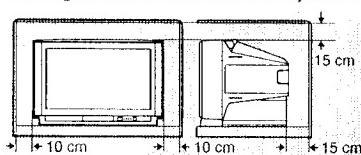
WARNING:

TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

CAUTION:

TO ENSURE PERSONAL SAFETY, OBSERVE THE FOLLOWING RULES REGARDING THE USE OF THIS UNIT.

1. Operate only from the power source specified (AC 220 – 240 V, 50 Hz) on the unit.
2. Avoid damaging the AC plug and power cord.
3. Avoid improper installation and never position the unit where good ventilation is unattainable.
When installing this television, distance recommendations must be maintained between the floor and wall, as well as instalment in a tightly enclosed area or piece of furniture. Adhere to the minimum distance guidelines shown for safe operation.



4. Do not allow objects or liquid into the cabinet openings.
5. In the event of a fault, unplug the unit and call a service technician. Do not attempt to repair it yourself or remove the rear cover.

When you don't use this TV set for a long period of time,
be sure to disconnect the power plug from the AC socket.

Natural Vision

T-V LINK

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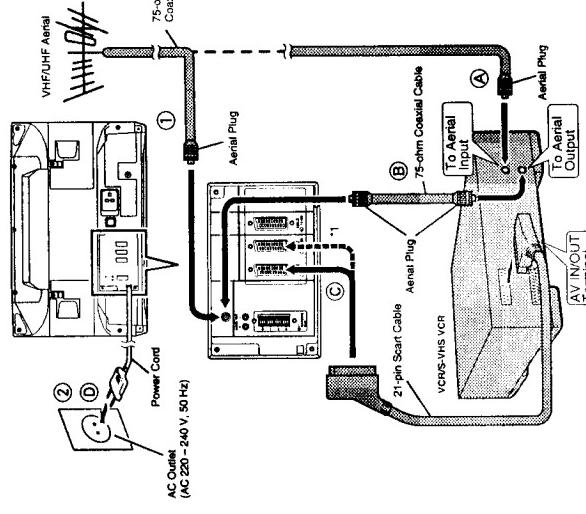
Preparation

Preparation

1 Connecting the Aerial and VCR

If connecting a VCR, follow ⑤ → ⑥ → ⑦ → ⑧.

If not connecting a VCR, follow ① → ②.



Notes:

- For further details, refer to the manuals provided with the devices to be connected.
- The co-axial cables are not provided.

- A video can be viewed from the VCR without performing ⑤. For details, refer to the VCR manual.
- The shaded items are not provided.

- To connect additional external devices, please refer to page 32.
- To connect external speakers or audio system, please refer to page 23.

- This TV is T-VLINK compatible. To operate T-VLINK, a T-VLINK compatible VCR must be connected to the EXT-2 terminal on the TV.

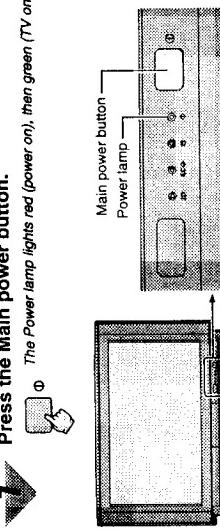
Notes:

- For details about T-VLINK, refer to page 5.
- When a decoder is connected to a T-VLINK compatible VCR, set the Decoder (EXT-2) in the Features menu to ON. (See 'Decoder (EXT-2)' on page 26.) Otherwise, you will not be able to view scrambled channels.

3 Initial Setting

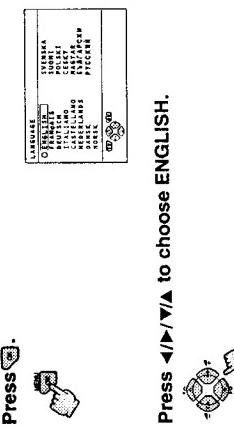
You can automatically set up to 99 TV stations to PR channels PR 1 to PR 99 on this TV.

1 Press the Main power button.

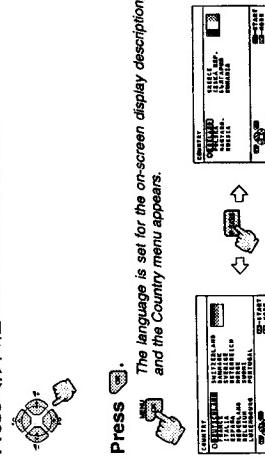


■ When the TV is first turned on, it enters the initial setting mode, and the JVC logo is displayed.

2 Press .



3 Press ▲/▼/▶/◀ to choose ENGLISH.



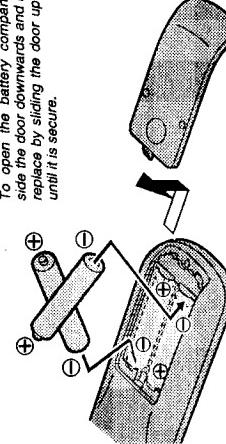
2 Putting Batteries Into the Remote Control

Use two AAA/R03 dry cell batteries.

Insert the batteries from the - end, making sure the + and - polarities are correct.

- Follow the warnings printed on the batteries.
- Battery life is about six months to one year, depending on frequency of use.
- If the remote control doesn't work properly, replace the batteries.

- The batteries we supply are only for setting up and testing your TV, please replace them as soon as necessary.
- Always use good quality batteries.



Notes:

- If this TV identifies a broadcast station name, that station ID is also automatically registered in a PR channel.
- To cancel the Auto programming, press .
- To edit PR channels or allocate a station to a PRO (AV) channel, refer to page 28 "Edit Manual".

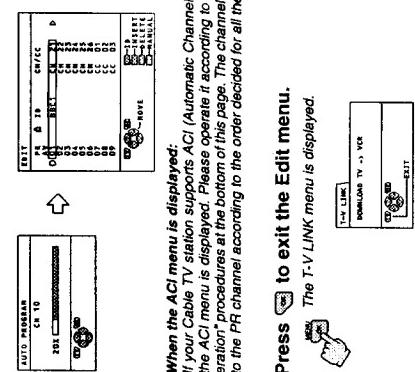
(Continued to the next page)

ENGLISH

- If the power lamp stays red and does not change to green:
- Your TV is in the standby mode. Press (Standby) on the remote control to turn your TV on.
- The TV only enters the initial setting mode the first time it is switched on; if you want to change the language and programme settings after this, please refer to page 27.

- Notes:**
 - If this TV identifies a broadcast station name, that station ID is also automatically registered in a PR channel.
 - To cancel the Auto programming, press .
 - To edit PR channels or allocate a station to a PRO (AV) channel, refer to page 28 "Edit Manual".

■ The Auto Programming starts.
The EDIT menu is displayed after the PR channels have been set.

Preparation**T-V LINK Functions**

Note:
• If a station you want to view is not set to a PR channel, manually set it using Edit menu. (See page 28.)

When the ACI menu is displayed:

If your Cable TV station supports ACI (Automatic Channel Installation), the ACI menu is displayed. Please operate it according to the "ACI Operation" procedure at the bottom of this page. The channel is set quickly to the PR channel according to the order decided for all the channels.

7 Press to exit the Edit menu.

The T-V LINK menu is displayed.

8 Turn the VCR on.

9 Press .

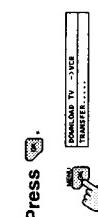
This completes the Initial Settings procedure.

■ When a T-V LINK compatible VCR is connected

8 Press .

The menu disappears.

This completes the Initial Settings procedure.



■ When a T-V LINK compatible VCR is not connected

The transmission of PR channel data from the TV to the VCR begins. The display disappears once the data transmission ends. This completes the initial Setting procedure.

Notes:

• For details about T-V LINK, refer to page 5.
• Depending on the type of VCR, the display may change once data transmission ends. In this case, refer to the VCR's Instruction manual.

• Generally, the VCR cannot record a channel that cannot be received properly by the VCR's tuner even though that channel could be viewed on the TV.

• In the following conditions, the VCR will stop recording if the TV is turned off, if the TV channel or input is switched, or if the menu is displayed on the TV.

- When recording images from an external device connected to the EXT-1, EXT-3 or EXT-4 terminal.

- When recording a channel after it has been unscrambled on a decoder.

- When recording a channel by using the TV's output because that channel cannot be properly received on the VCR's tuner.

Action operation

1 Press to choose your area.

2 Press .

'ACI' is displayed in the AUTO PROGRAM menu and the ACI starts. The EDIT menu is displayed after the channels have been set.

If 'ACI ERROR' is displayed, press to re-start the ACI.
• If 'ACI ERROR' is displayed anyway, press and cancel ACI, then start the ordinary Auto Programming.

■ When a T-V LINK compatible VCR is connected to the EXT-2 Terminal on the TV, the procedures for setting up the VCR and viewing videos are simplified.

■ T-V LINK uses the following features:

Function	Features	Remarks
① Preset, Download	Downloads the PR channel tuning information from the TV to the VCR.	• Starts automatically when the initial setting is complete or whenever the Auto Program or Edit Manual operations from the Install menu are performed. • This function can be operated via VCR operation.
② DIRECT REC (WYSIWYR)	What You See is What You Record – You can record to VCR the images that you are currently viewing on TV by one-touch operation. For details, read the manual for your VCR.	• Operate via the VCR. (Operation via the TV is not possible.) "VCR IS RECORDING" is displayed.
③ TV Auto Power On, VCR Image View	When the VCR starts playing, the TV automatically turns on and switches to the EXT-2 input mode. When the VCR menu is operated, the TV automatically turns on and switches to EXT-2 input mode.	• This function does not operate if your TV's main power is turned off. Set your TV's main power to on (standby mode).

■ To use T-V LINK:

- A T-V LINK compatible VCR is necessary.
- the VCR must be connected to the EXT-2 terminal on the TV by a fully wired SCART cable.

■ T-V LINK compatible VCRs:

In addition to all JVC VCRs that have the T-V LINK logo, any VCR that has one of the following logos are available for use:

• Q-LINK (a trademark of Panasonic Corporation)
• Data Logic (a trademark of Metz Corporation)
• Easy Link (a trademark of Philips Corporation)
• Megalogic® (a trademark of Grundig Corporation)
• SMARTLINK® (a trademark of Sony Corporation)

• These VCRs may support some or all of the features described above. For details, refer to the VCR Instruction Manual.

■ When FEATURE NOT AVAILABLE is displayed:

If "FEATURE NOT AVAILABLE" is displayed after download execution, the download was not performed correctly. Confirm the following before re-executing download.

- that the VCR power is turned on.
- that the VCR is connected to the EXT-2 terminal.
- that the SCART cable is fully wired.

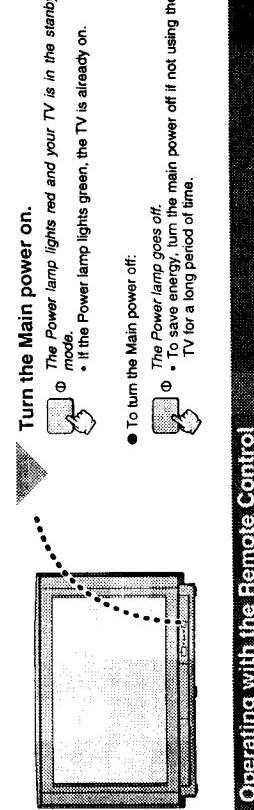
■ Operating Precautions for DIRECT REC:

- Generally, the VCR cannot record a channel that cannot be received properly by the VCR's tuner even though that channel could be viewed on the TV.
- In the following conditions, the VCR will stop recording if the TV is turned off, if the TV channel or input is switched, or if the menu is displayed on the TV.
 - When recording images from an external device connected to the EXT-1, EXT-3 or EXT-4 terminal.
 - When recording a channel after it has been unscrambled on a decoder.
 - When recording a channel by using the TV's output because that channel cannot be properly received on the VCR's tuner.
- Some VCRs can record a channel by using the TV's output, if that channel can be viewed on the TV, even though the channel cannot be received properly by the VCR's tuner.

Note:
For details, refer to the VCR Instruction Manual.

Note:
• The ACI may not work correctly
• If you don't have good reception,

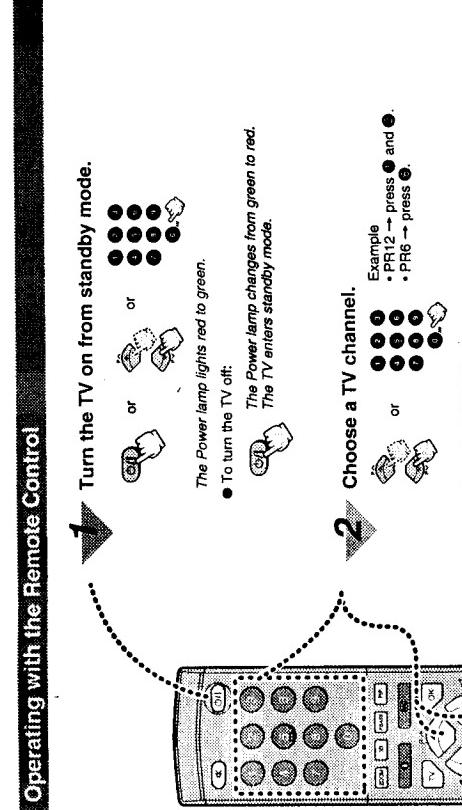
Basic Operation



- ▶ Turn the Main power on.
- ◀ The Power lamp lights red and your TV is in the standby mode.
- If the Power lamp lights green, the TV is already on.

- To turn the Main power off:
 - ◀ The Power lamp goes off.
 - To save energy, turn the main power off if not using the TV for a long period of time.

Operating with the Remote Control



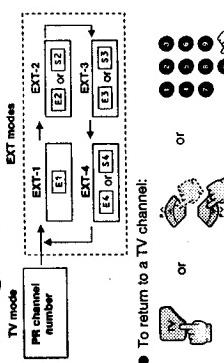
- ▶ Listen to the sound using headphones, see "Headphone" on page 21.
- ▶ Watch images from external devices.

Choosing an EXT terminal or PR 0 (AV) channel.



- The EXT terminals are registered after the PR 99 channel.

- Pressing the EXT button changes the choice as follows:



- To return to a TV channel:



Choose a TV channel.

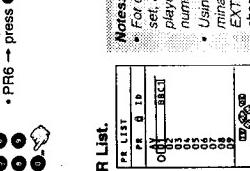
- Example
- PR12 → press 1 and 2.
- PR6 → press 6.



Display the PR List.



- Notes:
- For channels with Child Lock set, a 1 (locked) mark is displayed next to the channel number.



Choose a TV channel.



Adjust the volume.



- If you don't have a clear picture or no colour appears, change the colour system manually. See "Colour System" on page 18.
- If the picture is tilted or unnatural colour appears in the corner of the screen, correct the picture. See "Picture Tilt" on page 19.

Notes:

- To use "S-Video mode to view input from an S-VHS VCR, see "To choose S-VIDEO input" on page 24. When choosing EXT-2, EXT-3 or EXT-4 input, E2, E3 or E4 changes to S2, S3 or S4 in the display.

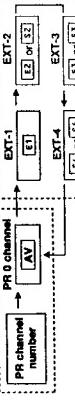
- If you don't have a clear picture or no colour appears, change the colour system manually. (See "Colour System" on page 18.)

- When choosing an EXT terminal with no input signal, the EXT number and ID become fixed on screen.

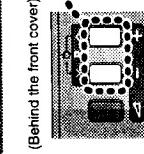
- Notes:
- The VCR RF channel is the channel that is sent as the RF signal from the VCR. To set the VCR RF channel to the PR 0 (AV) channel, refer to "Edit Manual" on page 28. Also refer to the manual provided with the VCR.

- When the TV and VCR are connected only by the RF cable, the VCR RF channel must be PR 0 (AV) channel to view VCR video. Choosing the PR 0 (AV) channel allows you to view images from VCR video.

- Pressing the EXT button changes the choice as follows:



Operating with the Buttons on the TV



- 1 Turn the TV on from standby mode.
- 2 Choose a channel or an EXT terminal.
- 3 Adjust the volume.

- Press ▶.
- The volume level indicator appears.

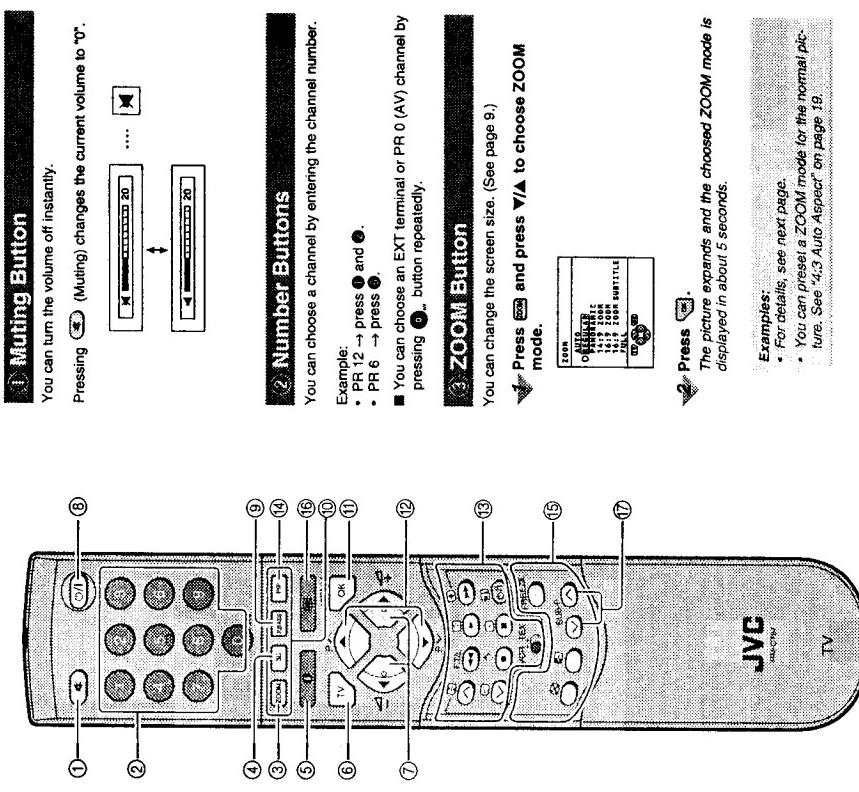
Notes:

- Press → while the volume level indicator is displayed.

Indicator is displayed.

7

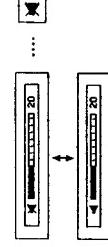
Remote Control Buttons and Functions



1 Muting Button

You can turn the volume off instantly.

Pressing (Muting) changes the current volume to "0".



2 Number Buttons

You can choose a channel by entering the channel number.

Example:

• PR 12 → press and .

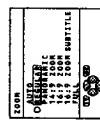
• PR 6 → press .

■ You can choose an EXT terminal or PR 0 (AV) channel by pressing button repeatedly.

3 ZOOM Button

You can change the screen size. (See page 9.)

► Press and press to choose ZOOM mode.

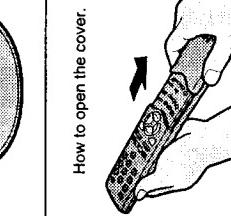


4 Press .

The picture expands and the chosen ZOOM mode is displayed in about 5 seconds.

Examples:

- For details, see next page.
- You can preset a ZOOM mode for the normal picture. See "4:3 Auto Aspect" on page 18.



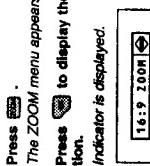
ZOOM Button (continued)

Mode	Recommended Picture (Aspect)	Display	Remarks
AUTO	Any picture format except Normal Picture (4:3 Aspect Ratio)	The picture will be automatically displayed in the optimum screen size. • AUTO may not function properly with poor signal quality. In this case, choose an optimum ZOOM mode manually.	
	Normal Picture (4:3 Aspect Ratio)	Displayed in accordance with the zoom mode set on the 4:3 Auto Aspect menu. (See page 19 for further details.)	
REGULAR	Normal Picture (4:3 Aspect Ratio)	Use to view a normal picture (4:3 aspect ratio) unchanged.	
PANORAMIC	Normal Picture (4:3 Aspect Ratio)	This mode stretches the left and right sides of a normal picture to fill the screen, in a way that does not appear unnatural. • The top and bottom of the picture are slightly cut off.	
14:9 ZOOM	Wide Picture (14:9 Aspect Ratio)		
16:9 ZOOM	Wide Picture (16:9 Aspect Ratio)		
16:9 ZOOM SUBTITLE	Wide Picture (16:9 Aspect Ratio) with Subtitles		
FULL	Normal Picture (4:3 Aspect Ratio)	This mode uniformly stretches the left and right sides of a normal picture (4:3 aspect ratio) to fill the wide TV screen. • Use for pictures with a 16:9 aspect ratio that have been squeezed into a normal picture (4:3 aspect ratio). You can restore their original dimensions.	

Note:

- This television supports WSS (wide-screen signals). When broadcasts with WSS are received with the ZOOM mode set at AUTO, the most suitable ZOOM mode is automatically selected in accordance with the WSS.

- ▼ Adjusting the visible area of the picture.
If subtitles or the top (or bottom) of the picture are cut off, adjust the visible area of the picture manually.



► Press .

The ZOOM menu appears.

► Press to display the ZOOM mode indication. Indicator is displayed.

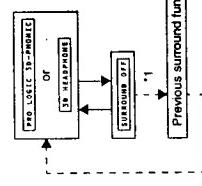


- 3 Before it disappears, press to adjust the visible area vertically.

- Notes:
• You cannot adjust the visible area in AUTO, REGULAR and FULL mode.
• To return to the default position, display the ZOOM menu again and press .

Remote Control Buttons and Functions**Remote Control Buttons and Functions****4. 3D Button**

Pressing (3D) toggles the surround function as follows:

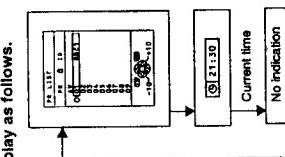


*1: If a surround function different from the Dolby Pro Logic 3D-Phonic or the 3D Headphone is activated before you press (3D), that surround function is returned to.

- The Dolby Pro Logic 3D-Phonic will be activated when the Dolby Pro Logic 3D-Phonic is not connected. For details on the Dolby Pro Logic 3D-Phonic, refer to page 21.
- The 3D Headphone will be activated when the headphones are connected. For details on the 3D Headphones, refer to page 23.
- The 3D lamp on the TV lights when the Dolby Pro Logic 3D-Phonic or 3D Headphone function is activated.

5. Information Button

Pressing (Information) changes the display as follows.



No.51550

About the PR List:
You can choose TV channels and EXT terminals operating the current time display.**About the current time display:**
This TV uses teletext data to set the current time.

- If the TV has not received a station that has teletext data since it was turned on, the time display is blank. To see the current time, choose a station that is broadcasting teletext data. As long as you do not turn off the TV, then even if you choose other stations, the time will still be displayed.
- When watching videos, the wrong current time is sometimes displayed.

Note:
• When an EXT terminal with no input signal is chosen, the EXT number and ID become fixed on the screen.

- The (Information) button is also used for the menu operation. Please refer to "Menu Operation" on page 16 for more information.

6. TV Button

You can return to the TV mode instantly by pressing .

- The button is also used for the menu operation. Please refer to "Menu Operation" on page 16 for more information.

7. ▲ Buttons

You can adjust the volume.

- The Headphone volume cannot be adjusted with the buttons. If you want to adjust it, please refer to "Headphone" on page 21.
- The buttons are also used for the menu operation. Please refer to "Menu Operation" on page 16 for more information.

8. Standby Button

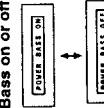
Pressing (Standby) button turns the TV on or off.

- When the TV is turned on, the power lamp changes from red to green.

9. P.EASS (power bass) Button

You can enjoy richer and fuller bass sound.

Pressing (Power Bass) turns the Power Bass on or off.

**10. Colour Buttons**

The colour buttons are used for the teletext operations or the menu operations. Please refer to "Teletext Control Buttons and VCR/TEXT Switch" on page 14 or "Menu Operation" on page 16 for more information.

11. OK Button

The button is used for menu operation. Please refer to "Menu Operation" on page 16 for more information.

12. ▶ Buttons

You can choose a channel by pressing the buttons.

- The buttons are also used for the menu operation. Please refer to "Menu Operation" on page 16 for more information.

13. VCR Control Buttons and VCR/TEXT Switch

You can control your JVC VCR using the VCR Control buttons.

- The button is also used for the VCR Control buttons.
- Set the VCR/TEXT Switch to the VCR side.

**14. Press a VCR control button to control your JVC VCR.**

- The buttons are also used for the VCR Control buttons.
- For details on the VCR Control Buttons, see the VCR manual.

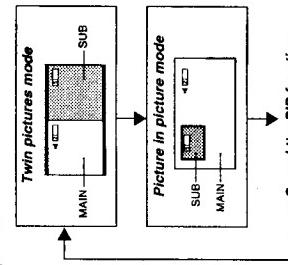
• Depending on your VCR, the remote control may not operate perfectly, and may not even control the VCR at all.

Remote Control Buttons and Functions**Remote Control Buttons and Functions****14/15 PIP (picture in picture) Control buttons****PIP Operation**

Two pictures (MAIN and SUB) are displayed at the same time.

Display the SUB-picture and choose a mode.

Pressing changes a PIP mode as follows.



Choose a channel or an EXT mode for the SUB-picture.

Canceling the PIP function.

- Cancelling the PIP function.
- or
- Press

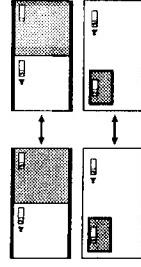
Listening to the sound of SUB-picture.

You can listen to the sound of SUB-picture on your headphones while listening to the sound of MAIN-picture on the speakers.
For details, see "Headphone" on page 21.

Choosing a position for SUB-picture.

You can choose one of four positions.
For details, see "PIP" on page 19.

Swapping the MAIN and SUB-pictures.



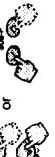
Display the next multi-pictures



Cancelling the multi-pictures.

Multi-picture operation (continued)**2 Choose a picture you want to view.**

The chosen picture changes to a moving picture.



Press

The multi-pictures disappear and the chosen picture appears.

3 Changing the multi-picture mode.

See "PIP" on page 19.

Notes:

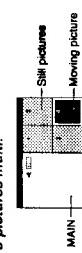
- You cannot display a menu in the multi-picture mode. If you want to display a menu, press to cancel the multi-picture mode.
- The Station ID of each channel will be displayed as up to three characters in the multi-pictures.
- You cannot use an external decoder for the channel in a multi-picture. The scrambled channels in multi-pictures will be displayed as scrambled.

4 Freeze Operation

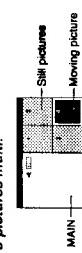
You can view the Main picture's frozen image as the SUB-picture.

5 Display the multi-pictures.**6 Cancelling the Freeze function.**

5-pictures multi:

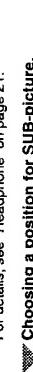


10-pictures multi:



Display the next multi-pictures

Cancelling the multi-pictures.

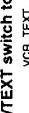


13

Remote Control Buttons and Functions**Remote Control Buttons and Functions****10 11 16 17 Teletext and VCR/TEXT Switch****■ Basic operation**

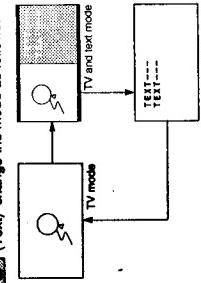
You can view three types of teletext broadcasts on the TV: Fastext, TOP and WST.

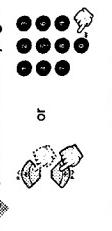
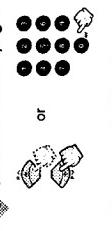
1 Choose a channel with a teletext broadcast.

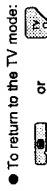
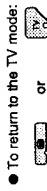
2 Set the VCR/TEXT switch to the TEXT side.


3 Display the teletext.


Pressing  (Text) change the mode as follows:

**Choose a teletext page.**


 or


● To return to the TV mode:

 or


Notes:
 • If you have trouble receiving teletext broadcasts, consult your local dealer or the teletext station.

• Category names of teletext pages may appear instead of page numbers.

• In Text mode, ZOOM mode is fixed to FULL mode.

• None of the menu operations are possible when viewing a teletext programme.

• Language display depends on the country which was set on the Country menu. If characters on a Teletext programme do not appear properly, change the Country Setting to other country's. For detail, see "Changing the Country Setting" on page 30.

■ Viewing a TV programme on the current channel and Teletext programme on the other channel at the same time.

2 Press a colour button to which a page has been assigned.
**Choose a teletext programme.**

Only teletext programmes can be changed.


Once returned to the TV mode, this operation will be canceled.

Notes:
 • You can view a Teletext programme on the other channel while listening to the current TV programme even in the Text mode.
 • A Teletext programme on the  (Locked) channel cannot be viewed.

Using the List Mode

You can store the numbers of your favourite teletext pages and call them up quickly using the colour buttons.

To store the page numbers

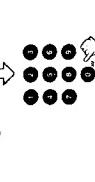
1 Engage the List mode.


Stored page numbers are displayed at the bottom of the screen.

2 Choose the position, then enter the page number.


The four page numbers blink to indicate that they are stored in memory.

3 Press  (Store) and hold on.



● To cancel sub-page:


Choose a sub-page.



4 Choose a sub-page.

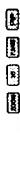


5 Cancel the List mode.



To cancel the List mode:



● To cancel sub-page:


Return to a teletext page when the page number is on the screen.



■ Reveal

Some teletext pages include hidden text (such as answers to a quiz). Each time you press  (Reveal), text is hidden or revealed.

■ Size

You can double the height of the teletext display.



■ Hold
 You can hold a teletext page on the screen for as long as you want, even while several other teletext pages are being received.

1 Hold indication


2 To cancel the hold:


■ Index
 You can return to the index page instantly.

1 Hold indication


2 To cancel the hold:


■ Sub Page
 Some teletext pages include sub-pages that are automatically displayed. You can hold any sub-page, or view it at any time.

1 To store the sub-page list:


2 Display the sub-page list:


3 Sub Page
 Sub-page numbers are displayed at the left of the screen.

4 Meaning of sub-page number
 Colour* Meaning of sub-page number

Yellow Currently being displayed.

White Can be displayed.

Blue or Red Cannot be displayed and it is not sent.

*Background color of the sub-page number.

■ Cancel
 The TV searches for a teletext page.

1 Cancel teletext mode temporarily.


2 The TV finds the teletext page, its page number appears in the upper left area of the screen.

3 Return to a teletext page when the page number is on the screen.

■ Choose a teletext page.

1 Choose a sub-page.


2 The TV searches for a teletext page.

3 Return to a teletext page when the page number is on the screen.

■ Fastext/TOP/PWST:
 Returns to page 100 or a previously specified page.

List mode:
 Returns to the page number displayed in the lower left area of the screen.

■ Cancel

1 Choose a sub-page.


2 The TV searches for a teletext page.

3 Return to a teletext page when the page number is on the screen.

■ Choose a sub-page.

1 The TV searches for a teletext page.

2 The TV finds the teletext page, its page number appears in the upper left area of the screen.

3 Return to a teletext page when the page number is on the screen.

■ Choose a sub-page.

1 The TV searches for a teletext page.

2 The TV finds the teletext page, its page number appears in the upper left area of the screen.

3 Return to a teletext page when the page number is on the screen.

Menu Operation

- 1 Display MENU.
The MENU (main menu) appears.
- 2 Choose an item.
- 3 Display the Sub-menu.
- 4 Choose an Sub-menu item.
- 5 Change the setting.
 - Depending on the Sub-menu display, the following buttons can be used.
- 6 Complete the setting.
- To return to the previous menu or exit the MENU.
- To exit the MENU instantly.

Picture Setting

Picture Adjustment

You can adjust the picture to your liking.

1 Press **▼▲** to choose an item.

2 Press **◀▶** to adjust the setting.

3 Press **✖**.

ENGLISH

Item	Contrast	Bright	Colour	Hue	Eco Mode
Contrast	Low	Medium	High	Very High	On
Bright	Darker	Normal	Brighter	Very Bright	
Colour	Lighter	Normal	Deeper	Very Deep	
Hue	Reddish	Normal	Greenish	Very Greenish	
Eco Mode	Softer	Normal	Sharper	Very Sharp	

Note:
• You can adjust the HUE (picture hue) only when the colour system is NTSC 3.58 or NTSC 4.43.

4 Display MENU.

5 Choose PICTURE SETTING.

6 Display the Picture Setting menu.

7 Press **✖**. This completes the setting.

- To return to the default settings, press the blue button.
- 1 Press **▼▲** to choose an item.
- 2 Press **◀▶** to adjust the setting.
- 3 Press **✖**. This completes the setting.

Eco Mode

When you set the Eco Mode to ON, the screen contrast is automatically adjusted to a setting suitable for the brightness of your room. This reduces eye strain and the power consumption of the TV.

COOL:

A cool white colour base with a boost in the colour and contrast levels that creates a more vivid picture.

WARM:
A warm orange/red colour base that creates the appropriate colour and contrast levels for watching films.

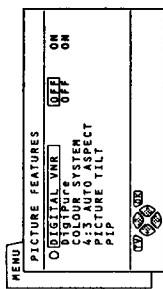
NORMAL:

A normal white colour base with normal colour and contrast levels.

- 1 Press **▼▲** to choose ECO MODE.
- 2 Press **◀▶** to choose ON.
- 3 Press **✖**. This completes the setting.
- If you set the Eco Mode to ON, the Eco lamp lights.

Picture Features

Picture Features



1 Display MENU.

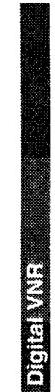


2 Choose PICTURE FEATURES.

3 Display the Picture Features menu.



4 Press **V/A** to choose Digital VNR.



5 Press **V/A** to choose ON.

6 To cancel the Digital VNR, choose OFF.

7 Press **OK**.

This completes the setting.

8 Press **V/A** to choose DigiPure.

9 Press **V/A** to choose ON.

10 To cancel the DigiPure, choose OFF.

11 Press **OK**.

This completes the setting.

12 Press **V/A** to choose DigiPure.

13 Press **V/A** to choose ON.

14 To cancel the DigiPure, choose OFF.

15 Press **OK**.

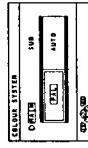
This completes the setting.

Notes:
• Set the DigiPure to ON normally.
• The DigiPure function can also be set to ON and OFF by pressing **</>** (Volume) button on the TV for 2 seconds or more.

Colour System

The colour system is automatically chosen, but if the picture is not clear or no colour appears, choose the colour system manually.

1 Press **V/A** to choose COLOUR SYSTEM. Then press **OK**. The 4:3 AUTO ASPECT menu appears.



2 Press **</>** to choose MAIN or SUB.

3 Press **V/A** to choose the colour system of Main picture.

4 Press **V/A** to choose the colour system of Sub picture.

5 Press **V/A** to choose the appropriate colour system.

6 MAIN:
PAL:
SUB:
SECAM:
NTSC:
NTSC3.58:
NTSC4.43:
NTSC 4:3 MHz system.

7 AUTO:
Automatic colour system selection.

Notes:
• The AUTO may not function properly with poor signal quality. If the picture is abnormal in AUTO mode, choose another colour system manually.
• When in the TV mode (PR 1 to PR 39), you cannot choose AUTO, NTSC 3.58 or NTSC 4.43.
• When in the TV mode (PR 0), you cannot choose NTSC 3.58 or NTSC 4.43.

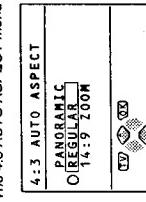
8 Press **OK**.

This completes the setting.

4:3 Auto Aspect

You can choose one of three ZOOM modes. REGULAR, PANORAMIC or 14:9 ZOOM, as the ZOOM mode for the normal picture (4:3 aspect ratio).

1 Press **V/A** to choose 4:3 AUTO ASPECT. Then press **OK**. The 4:3 AUTO ASPECT menu appears.



2 Press **V/A** to choose a ZOOM mode.

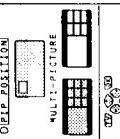
3 Press **OK**.

This completes the setting.

PIP

You can choose one of four positions of the SUB-picture. You can also choose one of two Multi-Picture modes.

1 Press **V/A** to choose PIP. Then press **OK**. The PIP menu appears.



2 Change the PIP menu setting.

Choosing a position of SUB-picture:

1 Press **V/A** to choose PIP POSITION.

2 Press **</>** to choose a position.

Choosing a Multi-picture mode:

1 Press **V/A** to choose MULTI-PICTURE.

2 Press **</>** to choose a mode.

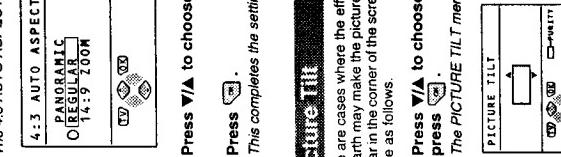
3 Press **OK**.

This completes the setting.

Picture Tilt

There are cases where the effects of the magnetic pull from the earth may make the picture tilt or make unnatural colours appear in the corner of the screen. If this happens, correct the picture as follows.

1 Press **V/A** to choose PICTURE TILT. Then press **OK**. The PICTURE TILT menu appears.



2 Press **V/A** to choose PICTURE TILT. This completes the setting.

To correct picture tilt:

1 Press **V/A** until the picture becomes horizontal.

2 Press the blue button in order to display the purity correction screen.

3 Press **</>** until the unnatural colouring is reduced as much as possible.

4 Press **OK**.

The correction is complete.

Sound Setting

Sound Adjustment

You can adjust the sound to your liking.

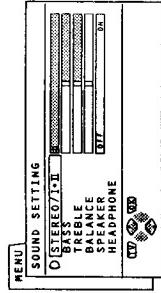
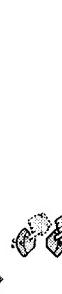
Press **▼/▲** to choose an item.

Note: When Dolby Pro Logic or PRO LOGIC 3D-PHONIC is chosen in the DIGITAL SURROUND menu, "BALANCE" does not appear. If you want to adjust the sound balance, see pages 22 and 34.

2 Press **◀/▶** to adjust it.
Item **BASS** Stronger
 Weaker **TREBLE** Stronger
 Weaker **BALANCE** Right
 Left

3 Press **□**.
 This completes the settings.
 To output the sound from TV speakers:
 1 Press **▼/▲** to choose SPEAKER.
 2 Press **◀/▶** to choose ON.

2 Display the Sound Setting menu.



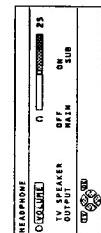
Display MENU.



Headphone

You need to use the headphone menu in order to adjust the volume of the headphones. Use of the headphone menu also makes it possible to select whether to emit sound from the TV speakers when using the headphones, and whether to emit the sound of the MAIN-picture or SUB-picture through the headphones.

Press **▼/▲** to choose HEADPHONE. Then press **□**. The Headphone menu appears.



To listen to the sound of the SUB-picture on your headphones:

1 Press **▼/▲** to choose OUTPUT.
 2 Press **◀/▶** to choose SUB.
 3 Press **◀/▶** to choose MAIN.

Notes:
 • Set the TV SPEAKER setting to On in order to listen to the Sub-picture sound on the headphones, and the Main-picture sound on the TV speakers.
 • The Sub-picture sound cannot be emitted from the TV speakers.
 • The sound output from AUDIO OUT terminals can not be turned off.

To listen to the sound of the MAIN-picture, press **◀/▶** to choose MAIN.

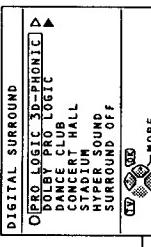
To listen to the sound of the SUB-picture, press **◀/▶** to choose SUB.

To listen to the sound of the MAIN-picture, press **◀/▶** to choose MAIN.

Notes:
 • When the SUB-picture is in TV mode, the SUB-picture sound is mono only.
 • The Multi sound function does not work for the SUB-picture sound.
 • Neither any of the surround sound functions nor the Power Bass function work for the SUB-picture sound.

Digital Surround

3 Display the Digital Surround menu.



Display MENU.



2 Choose DIGITAL SURROUND.



Note:
 • This function is only available for Dolby Surround programmed programmes.
 • The 3D lamp lights while this function is operating.

Dolby Pro Logic 3D-Phonic

You can enjoy the atmosphere of Dolby Surround programmes without external speakers.

3 Display the Digital Surround menu.



2 Display MENU.



1 Press **▼/▲** to choose STEREO / II.

2 Press **◀/▶** to choose a Multi Sound mode.

3 Press **□**.
 This completes the setting.

Notes:

The Multi Sound mode display is different from the broadcast programme.
 • The Multi Sound function does not work in the EXT modes. And the STEREO / II does not appear in SOUND SETTING menu.

2 Press **◀/▶** to choose a Multi Sound mode.

□ : Stereo sound
 1 : Bilingual (Sub I)
 1 : Bilingual II (Sub II)
 O : Normal sound

3 Press **□**.
 This completes the setting.

EXT Setting

■ To give an EXT ID

- 1 Press $\blacktriangle/\triangledown/\blacktriangleright/\blacktriangledown$ to choose an EXT terminal.
- 2 Press the blue button.
The ID LIST appears.
- 3 Display MENU.
- 4 Display the Features menu.
- 5 Choose EXT SETTING.
- 6 Press $\blacktriangle/\triangledown/\blacktriangleright/\blacktriangledown$ to choose a EXT ID.

- Note:** • To erase the EXT ID, choose a black space.
- Press** . The EXT ID is set to the EXT terminal.
- 5** Press . This completes the setting.

■ To choose S-VIDEO input

- 1 Press $\blacktriangle/\triangleright/\blacktriangleright/\blacktriangledown$ to choose an EXT terminal.
 - 2 Press the yellow button.
The S-VIDEO input indication appears.
 - 3 To choose normal input, press the yellow button again.
 - 4 Press . This completes the setting.
- Note:** • RGB signals from TV games and Teletext screens cannot be output from EXT-2 terminal.

Features

■ To give a Sleep Timer

- 1 Press $\blacktriangle/\triangleright/\blacktriangleright/\blacktriangledown$ to choose the Sleep Timer.
 - 2 Press $\blacktriangle/\triangleright/\blacktriangleright/\blacktriangledown$ to choose ON.
 - 3 Press . This completes the setting.
- Note:** • One minute before the Sleep Timer turns off the TV.
- GOOD NIGHT** appears.

■ To set the CHILD LOCK

- 1 Press $\blacktriangle/\triangleright/\blacktriangleright/\blacktriangledown$ to choose CHILD LOCK. Then press (number 0). The Set ID No. menu appears.
 - 2 Enter the ID number.
 - 3 Press . The Child Lock menu appears.
- Note:** You can lock some channels to prevent your children from watching them.

■ To choose FEATURES.

- 1 Display MENU.
- 2 Choose FEATURES.
- 3 Display the Features menu.

- Note:** • The Sleep Timer does not turn off the Main power.
- Press** . The Sleep Timer menu appears.

■ To choose a Sleep Timer.

- 1 Press $\blacktriangle/\triangleright/\blacktriangleright/\blacktriangledown$ to choose SLEEP TIMER. Then press .
- 2 Press $\blacktriangle/\triangleright/\blacktriangleright/\blacktriangledown$ to choose a period of time.
- 3 Press . The Sleep Timer menu appears.

- Note:** You can set the TV to automatically turn off after a specified period of time.

■ To choose a Blue Back.

- 1 Press $\blacktriangle/\triangleright/\blacktriangleright/\blacktriangledown$ to choose BLUE BACK.
- 2 Press $\blacktriangle/\triangleright/\blacktriangleright/\blacktriangledown$ to choose ON.
- 3 Press . This completes the setting.

- Note:** You can set the TV to automatically change to a blue screen and mute the sound when a weak signal or no signal is received, or when there is no input from an external device.

■ To choose a Dribbling.

- 1 Press $\blacktriangle/\triangleright/\blacktriangleright/\blacktriangledown$ to choose DRIBBLING.
- 2 Press $\blacktriangle/\triangleright/\blacktriangleright/\blacktriangledown$ to choose ON.
- 3 Press . This completes the setting.

- Note:** You can choose output to a VCR or other device connected to the EXT-2 terminal. Note that you cannot output from the EXT-2 terminal when the TV is turned off.

■ To choose a Child Lock.

- 1 Press $\blacktriangle/\triangleright/\blacktriangleright/\blacktriangledown$ to choose CHILD LOCK.
- 2 Press $\blacktriangle/\triangleright/\blacktriangleright/\blacktriangledown$ to choose ON.
- 3 Press . This completes the setting.

- Note:** You can lock some channels to prevent your children from watching them.

Features

- To watch a locked channel**
- Press **▼/▲** to choose a channel; then press the blue button.
 - The **■** (locked) mark appears, and the chosen channel is locked.
 - To cancel the Child Lock, press the blue button again.
 - Repeat step 4 to lock all channels which you want to lock.
 - Press **■**.
- This completes the setting.

Notes:

- You cannot choose a locked channel using the **▼/▲** buttons on the remote control nor the **P. ▲/▼** buttons on the TV.
- Even if a locked channel is displayed, the programme cannot be watched.

■ To watch a locked channel

- Press the number buttons to choose a locked channel.
- The **■** (locked) mark appears.

■ To watch a locked channel

- Press **■** (Information).
 - Press the number buttons to enter the ID number.
 - The locked channel can now be watched.
- If you forget the ID number:
Do steps 1 or "To set the Child Lock". After confirming the ID number, press **■** to exit the menu.

- Note:**
- Depending on the type of VCR, the display may change once data transmission ends.
 - In this case, refer to the VCR's manual.

No.51550

Install**Decoder (EXT-2)**

When you connect a Decoder to a T-V LINK compatible VCR, you have to set the Decoder (EXT-2) to ON for watching scrambled channels.

■ Choose a scrambled channel.

The scrambled picture appears.

- If the picture is unscrambled, you don't need to change the Decoder (EXT-2) setting.

- Press **▼/▲** to choose FEATURES. Then Press **▼/▲** to choose FEATURES.
- Press **■** to display the Features.
- Press **▼/▲** to choose DECODER (EXT-2).

- Press **▼/▲** to choose ON.

- Press **■**.

- The T-V LINK menu appears.

- Press **■**.

- Press **▼/▲** to choose a locked channel.

- The **■** (locked) mark appears.

- Press **■** (Information).

- Press the number buttons to enter the ID number.

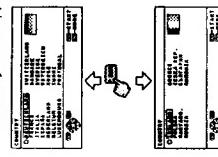
- The locked channel can now be watched.

■ To watch a locked channel

- Press **■** (Information).
- Press the number buttons to enter the ID number.
- The locked channel can now be watched.

- Note:**
- Depending on the type of VCR, the display may change once data transmission ends.
 - In this case, refer to the VCR's manual.

The Country menu appears.



- Note:**
- There are two country menus. Whenever you press **▼/▲**, the country menus are switched.

- Press **▼/▲** to choose your country.

- Press the blue button.

- The Auto Programming starts. The Edit menu appears after the PR channels have been set.

If the ACI menu is displayed:

- If your Cable TV station supports ACI (Automatic Channel Installation), the ACI menu is displayed. Please operate it according to "ACI Operation" procedures at the bottom of page 4. The channel is set quickly to the PR channel according to the order decided for all the channels.

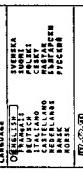
The Language menu appears.



You can choose one of 15 languages for the on-screen display.

Press **▼/▲** to choose LANGUAGE.

The Language menu appears.



You can choose one of 15 languages for the on-screen display.

Press **▼/▲** to choose LANGUAGE.

The Language menu appears.



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The Language menu appears.

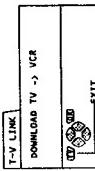


You can choose one

Install**■ Downloading the PR channel data to the VCR**

You can transmit the latest PR channel data from the TV to the VCR with T-V LINK.

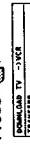
- 1 Make sure that the T-V LINK menu is displayed.

**Notes:**

- You cannot display the T-V LINK menu directly by choosing it from a menu.
- You cannot transmit the PR channel data to the VCR when a T-VLINK compatible VCR is not connected. Press \square to exit the menu.
- For details about T-VLINK, refer to page 5.

- 2 Turn the VCR on.

- 3 Press \square .



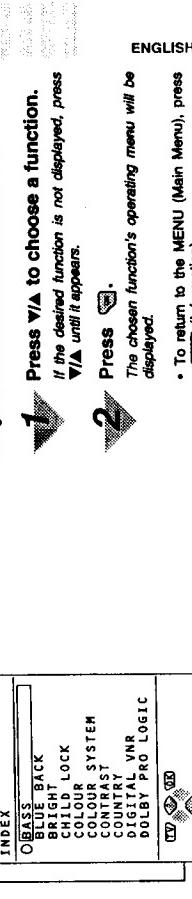
The data transmission begins.
The display disappears once the data transmission ends.

Note:

- Depending on the type of VCR, the display may change once data transmission ends.
In this case, refer to the VCR's manual.

■ Changing the Country Setting**Display the Install menu.**

- To return to the Install menu from the Edit menu, press \square (information).
- 2 Press ∇/Δ to choose AUTO PROGRAM. Then press \square .
The Country menu appears.
- 3 Press ∇/Δ to choose a Country. This completes the setting.
- Press \square to exit the MENU.
- To return to the Install menu, press \square (information).

Index**■ The functions in each menu are listed in the Index menu. The required function can be found in the Index menu and the operating menu for that function can be entered with one touch.****1 Press ∇/Δ to choose a function.**

If the desired function is not displayed, press ∇/Δ until it appears.

2 Press \square .

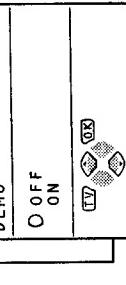
The chosen function's operating menu will be displayed.

- To return to the MENU (Main Menu), press \square (Information).

Display MENU.**Choose INDEX.****Display the Index menu.****Demo**

You can see the main features of your TV by using the Demo function.

When the Demo is set to ON:
Each time the TV is turned on, the demonstration starts automatically. If you do not want that to happen, set the Demo setting to OFF.

**1 Press ∇/Δ to choose ON.**

To cancel the Demo function, choose OFF.

2 Press \square .

The demonstration will start.
To stop the demonstration, press one of the buttons on the remote control.

Display MENU.**Choose DEMO.****Display the Demo menu.**

Additional Preparation

Notes:

- * Use headphones with a stereo mini-jack (dia. 3.5 mm).
- * When using headphones, follow the procedure "Headphone" on page 21.
- * Connecting cables are not supplied.
- * This TV set has external device connectors to which you can connect external devices. However, there are some differences in functions among them. Consult the table below before making connections.

External terminals specifications

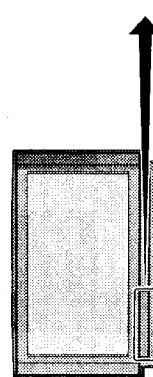
	EXT-1	EXT-2	EXT-3	EXT-4 (front)
VIDEO IN	✓	✓ ¹	✓ ¹	✓ ¹
VIDEO OUT	✓ ²	✓ ³	-	-
S-VIDEO IN	-	✓ ¹	✓ ¹	-
S-VIDEO OUT	-	-	-	-
RGB IN	✓	-	-	-
AUDIO-L IN	✓	✓	✓	✓
AUDIO-R IN	✓	✓	✓	✓
AUDIO-L OUT	✓ ²	✓ ³	-	-
AUDIO-R OUT	✓ ²	✓ ³	-	-
T-V LINK	-	✓	-	-
Others	<ul style="list-style-type: none"> Automatic detection and switching of input mode. Automatic detection and switching of ZOOM mode. 			

¹ Choose VIDEO or S-VIDEO mode from the EXT Setting menu. For details, see page 24 "EXT Setting".

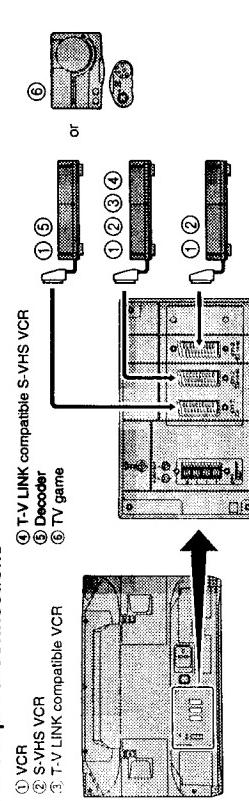
² Only the TV broadcast is output. Even when a SUB-picture is displayed, the output channel does not change. However, when another channel is being watched in the SUB-picture, if the Swap function is used, the output channel is changed.

³ TV broadcasts or inputs from other EXT terminals can be output. For details, see page 24 "Dubbing".

Front panel connections

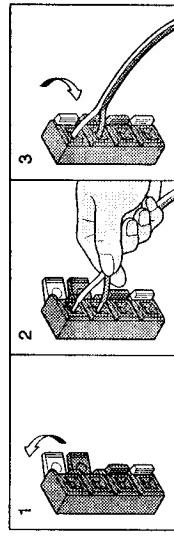
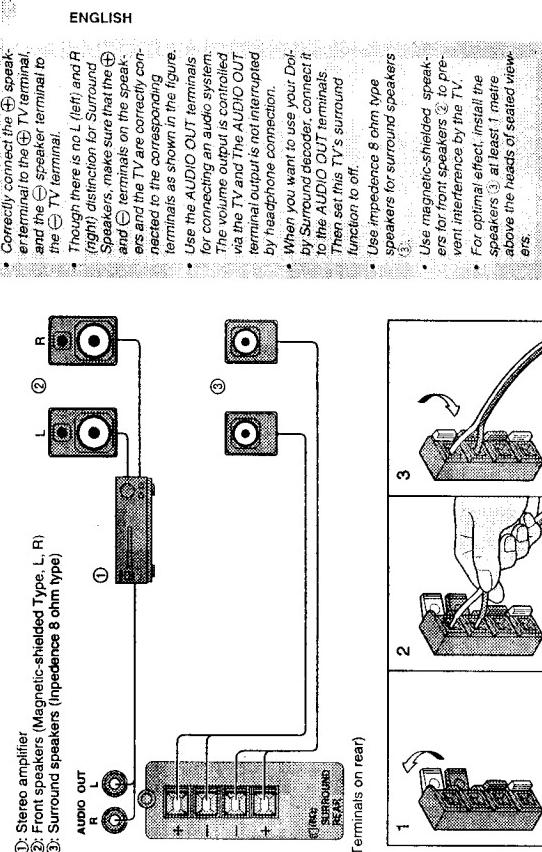


Rear panel connections



Connecting Speakers

Caution:
Do the following before connecting.
• Turn the power of all the equipment off.
• Set the amplifier volume to low.
• Read the manuals provided with the amplifiers and speakers.



Positioning the speakers

Connecting Speakers

Connecting Surround Speakers

You can enjoy the Dolby Pro Logic surround sound with two additional surround speakers.

- You can connect both your audio system and additional surround speakers. For details, refer to page 35.

- Connect the surround speakers $\langle\langle$ to the SURROUND REAR terminal.
- Turn the TV on.

- Press $\nabla\Delta$ to choose DOLBY PRO LOGIC and then press $\langle\langle$.
- The Digital Surround menu appears.



- Press $\blacktriangle\blacktriangleright$ to adjust the level of each speaker so the volume levels match the listening position.

LEFT, RIGHT:

Front speaker L, R

CENTRE:

Centre speaker

SURROUND:

Surround speakers

- Note:**
- When the Phantom mode is set, the volume of the Centre speaker cannot be adjusted.

- Press $\langle\langle$.
- This completes the setting.

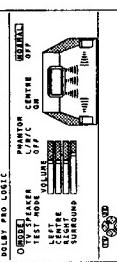
- Note:**
- The TV SPEAKER setting in the other TV speaker setting in the Pro Logic 3D-Phonic menu and the Dolby Pro Logic menu is linked to the other TV speaker setting in the Sound Setting menu.
 - If you change the one of them, the others will be changed automatically.
 - You can use the TV speakers as the centre speakers when you enjoy the Dolby Pro Logic 3D-Phonic surround sound. This method enhances spoken dialogue. For details, refer to page 22.

- Connecting an Audio System**
- You can use your audio system as front speakers instead of the front speakers on the TV.

- Note:**
- You can connect both your audio system and additional surround speakers. For details, refer to page 35.

- Connect your stereo amplifier $\langle\langle$ to the AUDIO OUT terminals.
- Turn the TV on and set the volume to the lowest setting.

- Press $\nabla\Delta$ to choose SOUND SETTING. Then press $\langle\langle$.
- The Sound Setting menu appears.



- Press $\nabla\Delta$ to choose MODE and $\blacktriangle\blacktriangleright$ to choose NORMAL.

Note:

- Press $\nabla\Delta$ to choose TV SPEAKER and $\blacktriangle\blacktriangleright$ to choose L/R/C.

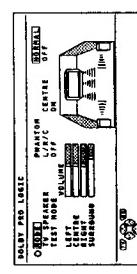
Note:

- Press $\nabla\Delta$ to choose SPEAKER and press $\langle\langle$ to choose OFF. Then press $\langle\langle$.

- Note:**
- When "SPEAKER" does not appear in the Sound Setting menu, press $\langle\langle$ to exit the menu and press $\langle\langle$ twice to display "SURROUND OFF". Then, repeat this procedure from step 3.
 - When you set the MODE to PHANTOM, choose L/R.

- To output sound from the TV speakers:
Set SPEAKER to ON.

The DOLBY PRO LOGIC menu appears.



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- Press $\langle\langle$.

This completes the settings.

- Turn the stereo amplifier on and re-adjust the volume setting, then press $\blacktriangle\blacktriangleright$ to adjust the volume.

- Notes:**
- Setting the volume of the stereo amplifier too high may damage the speakers.
 - The SPEAKER setting in the Sound Setting menu is linked to the other TV speaker setting in the Pro Logic 3D-Phonic menu and the Dolby Pro Logic menu.
 - If you change the one of them, the others will be changed automatically.
 - You can use the TV speakers as the centre speakers when you enjoy the Dolby Pro Logic 3D-Phonic surround sound. This method enhances spoken dialogue. For details, refer to page 22.

- 6** Press $\nabla\Delta$ to choose an item and $\blacktriangle\blacktriangleright$ to change the following settings.
Set MODE to NORMAL.
Set TV SPEAKER to CENTRE.

- If you do not want to use the TV speakers as the centre speakers:**
Set MODE to PHANTOM and TV SPEAKER to OFF.
PHANTOM mode omits the centre speaker.

- 7** Turn the stereo amplifier on and re-adjust the volume setting.
Note:
- Setting the volume of the stereo amplifier too high may damage the speakers.
 - Test signals are output alternately from the speakers.

- 8** Press $\nabla\Delta$ to choose TEST MODE and $\blacktriangle\blacktriangleright$ to choose ON.

- Note:**
- Test signals are output alternately from the speakers.
 - If the test signal is too faint, adjust the volume of the stereo amplifier. However, setting the volume too high may damage the speakers.

- 9** Press $\nabla\Delta$ to choose MODE and $\blacktriangle\blacktriangleright$ to choose ON.

- Note:**
- When you connect both your audio system and the additional surround speakers, you can enjoy the Dolby Pro Logic Surround sound with four external speakers and also you can use the TV speakers as the centre speakers.
 - When you do not use the Dolby Pro Logic or Dolby Pro Logic 3D-Phonic function, you can use your audio system as front speakers instead of the front speakers on the TV.

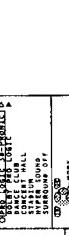
- 10** Connect your stereo amplifier $\langle\langle$ to the AUDIO OUT terminals and connect surround speakers $\langle\langle$ to the SURROUND REAR terminal.

- 11** Turn the TV on and set the volume to the normal setting.

- 12** Connect your stereo amplifier $\langle\langle$ to the SURROUND REAR terminal.

- 13** Turn the TV on and set the volume to the lowest setting.

- 14** Press $\nabla\Delta$ to choose DIGITAL SURROUND and then press $\langle\langle$.



- 15** The MENU appears.

- 16** Press $\nabla\Delta$ to choose SURROUND and then press $\langle\langle$.
- Note:**
- If Digital Surround does not appear in the MENU, disconnect the headphones from the TV.

- 17** Press $\nabla\Delta$ to choose DOLBY PRO LOGIC and then press $\langle\langle$.

- 18** Press $\nabla\Delta$ to choose TEST MODE and $\blacktriangle\blacktriangleright$ to choose ON.

- 19** Press $\nabla\Delta$ to choose SPEAKER and $\langle\langle$.

- 20** Turn the volume of each speaker on and off alternately.

- 21** Turn the volume of each speaker on and off alternately.

- 22** Turn the volume of each speaker on and off alternately.

- 23** Turn the volume of each speaker on and off alternately.

- 24** Turn the volume of each speaker on and off alternately.

- 25** Turn the volume of each speaker on and off alternately.

- 26** Turn the volume of each speaker on and off alternately.

- 27** Turn the volume of each speaker on and off alternately.

- 28** Turn the volume of each speaker on and off alternately.

- 29** Turn the volume of each speaker on and off alternately.

- 30** Turn the volume of each speaker on and off alternately.

- 31** Turn the volume of each speaker on and off alternately.

- 32** Turn the volume of each speaker on and off alternately.

- 33** Turn the volume of each speaker on and off alternately.

- 34** Turn the volume of each speaker on and off alternately.

- 35** Turn the volume of each speaker on and off alternately.

Channel Table

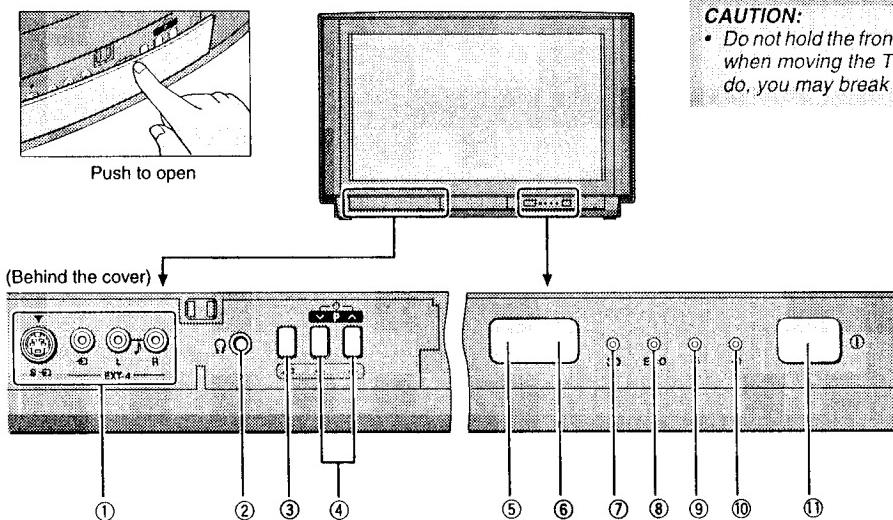
- The following table shows the relationship between the displayed CH/CC channel number and the actual channel number.
- The actual channel numbers for the "CC" channel numbers from CC110 to CC161 differ depending on the cable TV station. Check which actual channel numbers correspond to which "CC" channels while referring to the broadcast frequencies which are indicated in the channel tables of each cable TV station. If you can not find the broadcast frequency for a channel, contact the cable TV station.

CH	Channel	CH	Channel	CC	Channel	CC	Channel
CH 02 / CH 202	E2, R1	CH 40 / CH 240	E40, R40	CC 01 / CC 201	S1	CC 31 / CC 231	S31
CH 03 / CH 203	E3, ITALY A	CH 41 / CH 241	E41, R41	CC 02 / CC 202	S2	CC 32 / CC 232	S32
CH 04 / CH 204	E4, ITALY B, R2	CH 42 / CH 242	E42, R42	CC 03 / CC 203	S3	CC 33 / CC 233	S33
CH 05 / CH 205	E5, ITALY D, R6	CH 43 / CH 243	E43, R43	CC 04 / CC 204	S4	CC 34 / CC 234	S34
CH 06 / CH 206	E6, ITALY E, R7	CH 44 / CH 244	E44, R44	CC 05 / CC 205	S5	CC 35 / CC 235	S35
CH 07 / CH 207	E7, ITALY F, R8	CH 45 / CH 245	E45, R45	CC 06 / CC 206	S6	CC 36 / CC 236	S36
CH 08 / CH 208	E8, R9	CH 46 / CH 246	E46, R46	CC 07 / CC 207	S7	CC 37 / CC 237	S37
CH 09 / CH 209	E9, ITALY G	CH 47 / CH 247	E47, R47	CC 08 / CC 208	S8	CC 38 / CC 238	S38
CH 10 / CH 210	E10, ITALY H, R10	CH 48 / CH 248	E48, R48	CC 09 / CC 209	S9	CC 39 / CC 239	S39
CH 11 / CH 211	E11, ITALY H+1, R11	CH 49 / CH 249	E49, R49	CC 10 / CC 210	S10	CC 40 / CC 240	S40
CH 12 / CH 212	E12, ITALY H+2, R12	CH 50 / CH 250	E50, R50	CC 11 / CC 211	S11	CC 41 / CC 241	S41
CH 21 / CH 221	E21, R21	CH 51 / CH 251	E51, R51	CC 12 / CC 212	S12	CC 75 / CC 275	X
CH 22 / CH 222	E22, R22	CH 52 / CH 252	E52, R52	CC 13 / CC 213	S13	CC 76 / CC 276	Y, R3
CH 23 / CH 223	E23, R23	CH 53 / CH 253	E53, R53	CC 14 / CC 214	S14	CC 77 / CC 277	Z, ITALY C, R4
CH 24 / CH 224	E24, R24	CH 54 / CH 254	E54, R54	CC 15 / CC 215	S15	CC 78 / CC 278	Z+1, R5
CH 25 / CH 225	E25, R25	CH 55 / CH 255	E55, R55	CC 16 / CC 216	S16	CC 79 / CC 279	Z+2
CH 26 / CH 226	E26, R26	CH 56 / CH 256	E56, R56	CC 17 / CC 217	S17		
CH 27 / CH 227	E27, R27	CH 57 / CH 257	E57, R57	CC 18 / CC 218	S18		
CH 28 / CH 228	E28, R28	CH 58 / CH 258	E58, R58	CC 19 / CC 219	S19		
CH 29 / CH 229	E29, R29	CH 59 / CH 259	E59, R59	CC 20 / CC 220	S20		
CH 30 / CH 230	E30, R30	CH 60 / CH 260	E60, R60	CC 21 / CC 221	S21		
CH 31 / CH 231	E31, R31	CH 61 / CH 261	E61, R61	CC 22 / CC 222	S22		
CH 32 / CH 232	E32, R32	CH 62 / CH 262	E62, R62	CC 23 / CC 223	S23		
CH 33 / CH 233	E33, R33	CH 63 / CH 263	E63, R63	CC 24 / CC 224	S24		
CH 34 / CH 234	E34, R34	CH 64 / CH 264	E64, R64	CC 25 / CC 225	S25		
CH 35 / CH 235	E35, R35	CH 65 / CH 265	E65, R65	CC 26 / CC 226	S26		
CH 36 / CH 236	E36, R36	CH 66 / CH 266	E66, R66	CC 27 / CC 227	S27		
CH 37 / CH 237	E37, R37	CH 67 / CH 267	E67, R67	CC 28 / CC 228	S28		
CH 38 / CH 238	E38, R38	CH 68 / CH 268	E68, R68	CC 29 / CC 229	S29		
CH 39 / CH 239	E39, R39	CH 69 / CH 269	E69, R69	CC 30 / CC 230	S30		

CH	Channel	CH	Channel	CC	Frequency (MHz)	CC	Frequency (MHz)
CH 102	F2	CH 141	F41	CC 110	116 - 124	CC 151	383 - 391
CH 103	F3	CH 142	F42	CC 111	124 - 132	CC 152	391 - 399
CH 104	F4	CH 143	F43	CC 112	132 - 140	CC 153	399 - 407
CH 105	F5	CH 144	F44	CC 113	140 - 148	CC 154	407 - 415
CH 106	F6	CH 145	F45	CC 114	148 - 156	CC 155	415 - 423
CH 107	F7	CH 146	F46	CC 115	156 - 164	CC 156	423 - 431
CH 108	F8	CH 147	F47	CC 116	164 - 172	CC 157	431 - 439
CH 109	F9	CH 148	F48	CC 123	220 - 228	CC 158	439 - 447
CH 110	F10	CH 149	F49	CC 124	228 - 236	CC 159	447 - 455
CH 121	F21	CH 150	F50	CC 125	236 - 244	CC 160	455 - 463
CH 122	F22	CH 151	F51	CC 126	244 - 252	CC 161	463 - 469
CH 123	F23	CH 152	F52	CC 127	252 - 260		
CH 124	F24	CH 153	F53	CC 128	260 - 268		
CH 125	F25	CH 154	F54	CC 129	268 - 276		
CH 126	F26	CH 155	F55	CC 130	276 - 284		
CH 127	F27	CH 156	F56	CC 131	284 - 292		
CH 128	F28	CH 157	F57	CC 132	292 - 300		
CH 129	F29	CH 158	F58	CC 133	300 - 306		
CH 130	F30	CH 159	F59	CC 141	306 - 311		
CH 131	F31	CH 160	F60	CC 142	311 - 319		
CH 132	F32	CH 161	F61	CC 143	319 - 327		
CH 133	F33	CH 162	F62	CC 144	327 - 335		
CH 134	F34	CH 163	F63	CC 145	335 - 343		
CH 135	F35	CH 164	F64	CC 146	343 - 351		
CH 136	F36	CH 165	F65	CC 147	351 - 359		
CH 137	F37	CH 166	F66	CC 148	359 - 367		
CH 138	F38	CH 167	F67	CC 149	367 - 375		
CH 139	F39	CH 168	F68	CC 150	375 - 383		
CH 140	F40	CH 169	F69				

TV Buttons and Parts

Front Panel



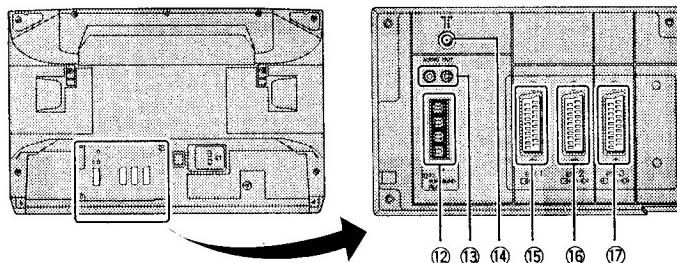
CAUTION:

- Do not hold the front panel cover when moving the TV set, if you do, you may break it.

ENGLISH

① EXT-4 terminals	pages 24, 32
② Headphone jack (mini jack)	pages 21, 23, 32
③ ▲ (Volume) button	page 7
④ P V/A buttons / ▲ -/+ buttons	page 7
⑤ Remote control sensor	
⑥ ECO sensor	
⑦ 3D lamp	pages 10, 21, 23
⑧ ECO lamp	page 17
⑨ Sleep timer lamp	page 25
⑩ Power lamp	pages 3, 6
⑪ Main power button	pages 3, 6

Rear Panel



⑫ SURROUND REAR terminal	page 33
⑬ AUDIO OUT terminal	page 33
⑭ Aerial socket	page 2
⑮ EXT-1 terminal	pages 2, 24, 32
⑯ EXT-2 terminal	pages 2, 5, 24, 32
⑰ EXT-3 terminal	pages 24, 32

Troubleshooting

If the plug is disconnected from the AC socket, or the TV aerial has problems, you may think there is a problem with the TV itself. Be sure to check the following before calling for service.

Troubleshooting

IMPORTANT		
Review all instructions in this manual		
Problem	Action	
■ GENERAL The TV cannot be turned on.	<ul style="list-style-type: none"> Insert the plug in an AC socket. Turn the main power on. (See page 6.) 	
No picture or sound.	<ul style="list-style-type: none"> Check aerial connections. (See page 2.) Choose the correct input mode. (See page 7.) Choose the correct colour system manually. (See page 18.) 	
The TV shuts off automatically.	<ul style="list-style-type: none"> Did you set the Sleep Timer? (See page 25.) 	
Inoperable remote control.	<ul style="list-style-type: none"> Replace the batteries. (See page 2.) Insert the batteries correctly. (See page 2.) Use the remote control within about 7 metres of the TV. 	
MENU can not be displayed.	<ul style="list-style-type: none"> Are you watching the 'Teletext' screen? None of the menu operations are possible when viewing a 'teletext' programme. Perform the menu operation in the TV mode. 	
Poor colour.	<ul style="list-style-type: none"> Adjust COLOUR and BRIGHT. (See page 17.) Choose the correct colour system manually. (See page 18.) 	
The ZOOM mode suddenly changes.	<ul style="list-style-type: none"> The AUTO mode is working. (See page 9.) 	
The picture is tilted.	<ul style="list-style-type: none"> Correct the tilted picture. (See page 19.) 	
Unnatural colours appear.	<ul style="list-style-type: none"> Reduce the unnatural colouring. (See page 18.) 	
The SUB-picture image is distorted.	<ul style="list-style-type: none"> If the MAIN-picture image signal condition is bad, the SUB-picture image may be distorted. 	
The top and bottom of the MAIN-picture or SUB-picture are different, the lines or streaks in picture (interference).	<ul style="list-style-type: none"> If the picture standard of the MAIN-picture and SUB-picture are different, the top and bottom of one of them may be missing. 	
The SUB-picture display suddenly disappears.	<ul style="list-style-type: none"> If an external device is operated the SUB-picture may disappear. If this happens, press more and redisplay the SUB-picture. 	
The same image is displayed in both the MAIN-picture and SUB-picture.	<ul style="list-style-type: none"> If the (swap) button is pressed when the image from the external decoder is displayed in the MAIN-picture, the same image is displayed in both the MAIN-picture and SUB-picture. Press again. 	
Lines or streaks in picture (interference).	<ul style="list-style-type: none"> Move the components apart until the interference is eliminated. 	
Spots (nostalk).	<ul style="list-style-type: none"> Reposition the aerial. Replace with an aerial with better directionality. 	
Double pictures (ghosts).	<ul style="list-style-type: none"> Reposition the aerial. Replace with an aerial with better directionality. 	
Snowy pictures (noise).	<ul style="list-style-type: none"> Check aerial connections. Reorient the aerial. 	
ENGLISH		
■ SOUND	<p>The Screen turns blue.</p> <ul style="list-style-type: none"> Is the Blue Back function set to On? (See page 25.) <p>No sound from the TV's speakers.</p> <ul style="list-style-type: none"> Disconnect the headphones. If you want to have sound come from both the TV's speaker and headphones, see page 21. Set SPEAKER to ON. (See page 20.) 	
The headphone volume level can not be adjusted.	<ul style="list-style-type: none"> It cannot be adjusted with the buttons or buttons. Adjust it with the VOLUME function in the HEADPHONE menu. (See page 21.) 	
The sound from the TV does not stop even if the headphones are connected.	<ul style="list-style-type: none"> TV SPEAKER in the HEADPHONE menu is set to ON. Change the setting to OFF. (See page 21.) 	
No stereo sound.	<ul style="list-style-type: none"> Change STEREO/HI to CO mode. (See page 20.) Is TV SPEAKER on the Pro Logic 3D Phonic menu or Dolby Pro Logic menu set to CENTRE? Change the TV SPEAKER setting to LRAC. (See pages 22 and 34.) 	
The sound in TV mode, the SUB-picture sound is mono only.	<ul style="list-style-type: none"> When the SUB-picture is in TV mode, the SUB-picture sound is mono only. 	
No "SUB-I" or "SUB-II" sound in a multi-sound broadcast.	<ul style="list-style-type: none"> Change STEREO/HI to the correct mode. (See page 20.) The multi-sound function does not work for the SUB-picture sound. 	
Surround function does not work.	<ul style="list-style-type: none"> Dolby Pro Logic Surround and Pro Logic 3D-Phonic work properly only with Dolby Surround encoded programmes. Functions other than Hyper Sound and Headphone surround functions work properly only with stereo programmes. Hyper Sound works properly only with mono programmes. None of the surround sound functions work for the SUB-picture sound. 	
The Power Bass function does not work.	<ul style="list-style-type: none"> Are you listening to the SUB-picture sound? The Power Bass function does not work for the SUB-picture sound. 	
■ TELETEXT	<p>No teletext reception.</p> <ul style="list-style-type: none"> Turn to a channel that has teletext. (See page 14.) Videotaping television is not recommended as it may not record correctly. 	
The current time is not displayed.	<ul style="list-style-type: none"> Turn to a channel that has teletext. (See page 14.) 	
The following are normal and are NOT malfunctions:		
<ul style="list-style-type: none"> When touching the picture tube surface, you might feel a slight charge of static electricity. This is because the picture tube contains static electricity; it does not affect the human body. The TV may emit a crackling sound due to a sudden change in temperature. There is no problem unless the picture or sound is abnormal. When a still, bright image (or a white dress, for example) appears on the screen, the image may be coloured. This problem occurs in all picture tubes, and as the bright image disappears, the colour also disappears. This TV is equipped with a microcomputer that may operate abnormally due to interference from external components. If this happens, turn off the main power and disconnect the power cord from the AC socket. Then reconnect the power cord to AC socket and turn on the main power again. 		

The following are normal and are NOT malfunctions:

- When touching the picture tube surface, you might feel a slight charge of static electricity. This is because the picture tube contains static electricity; it does not affect the human body.
- The TV may emit a crackling sound due to a sudden change in temperature. There is no problem unless the picture or sound is abnormal.
- When a still, bright image (of a white dress, for example) appears on the screen, the image may be coloured. This problem occurs in all picture tubes, and is caused by a bright image that may appear abnormally due to interference from external components. If this happens, turn off the power now and disconnect the power cord from the AC socket. Then reconnect the power cord to AC socket and turn on the main power again.

AV-32WFP1EU

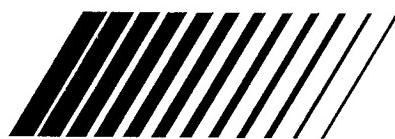
Specifications

Item	Model	AV-32WFP1EU
TV RF systems	CCIR B/G, I, D/K, L	
Colour systems	PAL, SECAM (NTSC 3.58 / 4.43 MHz only in EXT modes)	
Channels and frequencies	E2-E12, E21-E69, S1-S41, X, Y, Z, Z+1, Z+2, A-H, H+1, H+2, F2-F10, F21-F69, R1-R12, R21-R69 • French cable TV channel of broadcast frequencies 116 – 172 MHz and 220 – 469 MHz	
Sound-multiplex systems	A2 (B/G, D/K) / NICAM (B/G, D/K, L) system	
Teletext systems	Fastext (United Kingdom system) / TOP (German system) / WST (standard system)	
Power requirements	AC 220 – 240 V, 50 Hz	
Power consumption	Maximum 290 W, Average 164 W, Standby 1.2 W	
Picture tube size	Visible area 76 cm (measured diagonally)	
Audio output	Rated Power output: 20 W + 20 W + 5 W	
Speakers	10 cm round × 2, 3.5 cm round × 2, (10 cm × 3 cm) oval × 1	
External input / output	EXT-1, EXT-2, EXT-3 EXT-4 AUDIO OUT SURROUND REAR Headphone jack (stereo mini jack, dia. 3.5 mm)	21-pin Euroconnector (SCART) VIDEO IN (RCA) AUDIO L / R IN (RCA) S-VIDEO IN (Mini Din 4-pin) (Variable out (0-1 Vrms), low impedance) FRONT L/R output (RCA) Speaker terminals for external surround speakers (Impedance 8 ohm) only. Rated power output: 7.5 W + 7.5W
Dimensions (W × H × D)	855 mm × 550 mm × 568 mm	
Weight	59.5 kg	
Accessories	Remote control unit RM-C787 × 1 AAA (R03) dry cell battery × 2	

Design and specifications subject to change without notice.

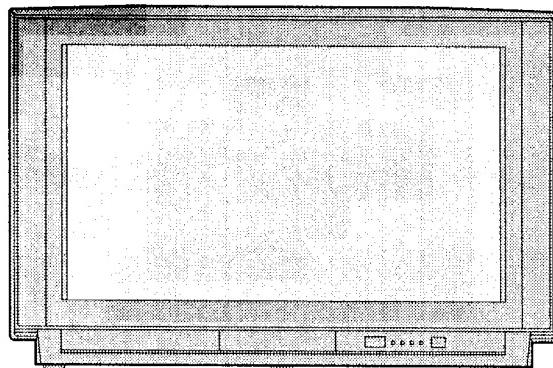
Pictures displayed on the screen using this TV's image-processing functions should not be shown for any commercial or demonstration purpose in public places (tearooms and halls in hotels, etc.) without the consent of the owners of copyright of the original picture sources, as this constitutes an infringement of copyright.



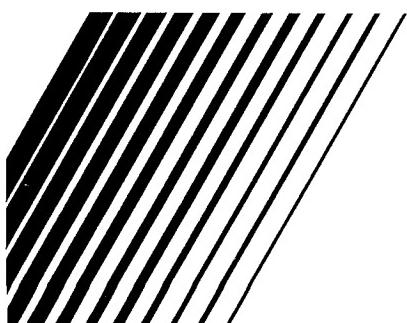


JVC

COLOUR TELEVISION AV-32WFP1EK



INSTRUCTIONS



Natural Vision

T-V LINK

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by the word centre

Safety Precautions

Thank you for buying this **JVC** colour television.
To make sure you fully understand how to use your new TV, please read this manual thoroughly before you begin.

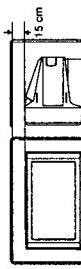
Warning

TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

Caution

TO ENSURE PERSONAL SAFETY, OBSERVE THE FOLLOWING RULES REGARDING THE USE OF THIS UNIT:

- Operate only from the power source specified (AC 220 – 240 V 50 Hz) on the unit.
- Avoid damaging the AC plug and power cord.
- Avoid improper installation and never position the unit where good ventilation is unattainable.
- When installing this television, distance recommendations must be maintained between the floor and wall, as well as instrument in a lightly enclosed area or piece of furniture. Please adhere to the minimum distance guidelines shown for safe operation.



- Do not allow objects or liquid into the cabinet openings.
- In the event of a fault, unplug the unit and call a service technician. Do not attempt to repair it yourself or remove the rear cover.
- When you don't use this TV set for a long period of time, be sure to disconnect the power plug from the AC outlet.
- Do not hold the front panel door when moving the TV, if you do you may break it.

Guidelines for Safe Operation

This equipment has been designed and manufactured to comply with international safety standards. However, as with any electrical appliance, care must be taken to ensure optimal results and operational safety.

■ Before attempting to use this equipment, read the operating instructions thoroughly.

■ Ensure that all electrical connections (including the mains plug, extension leads, etc.) have been made in accordance with the manufacturer's instructions.

■ If ever in doubt about the installation, operation or safety of this equipment, consult your dealer.

■ Handle all glass panels or covers with care.

■ Never operate this equipment if it appears damaged or operates abnormally. Turn the power off, disconnect the main power plug and consult your dealer.

■ Never remove any affixed panels or covers. Doing so may result in electrical shock.

■ Never leave this equipment operating unattended unless otherwise specifically stated that it is designed to do so or in standby mode. Only use the designated power switch to turn off the power and ensure that all potential users are instructed how to do so. Make special arrangements for infants or handicapped persons.

■ Never watch TV while operating a motor vehicle. It is illegal to watch TV while driving.

■ Never listen to headphones at high volume. Doing so may damage your hearing.

■ Never obstruct the ventilation of this equipment. Doing so may cause overheating and result in a malfunction or damage, use only the fixtures provided and follow the installation instructions.

■ Never use makeshift stands or attempt to affix legs with wood screws. When using a manufacturer's approved stand or legs, shock.

■ Never allow this equipment to be exposed to rain or moisture.

■ Never allow anyone, especially children, to insert anything into an opening in the case. Doing so may result in a fatal electrical shock.

■ Never guess or take chances with electrical equipment of any kind. It is better to be safe than sorry.

IMPORTANT.

DO NOT make any connection to the larger terminal which is

marked with the letter E or by the safety earth symbol $\frac{1}{\sqrt{3}}$ or

coloured green or green-and-yellow.

The wires in the mains lead on this product are coloured in ac-

cordance with the following code:

Blue: Neutral

Brown: Live

As these colours may not correspond with the coloured mark-

ing identifying the terminals in your plug proceed as follows:

The wire which is coloured blue must be connected to the ter-

minal which is marked with the letter N or coloured black.

The wire which is coloured brown must be connected to the

terminal which is marked with the letter L or coloured red.

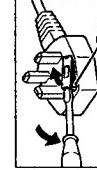
When replacing the fuse only a correctly rated approved type

should be used and be sure to re-fit the fuse cover.

IF IN DOUBT — CONSULT A COMPETENT ELECTRICIAN.

How To Replace The Fuse

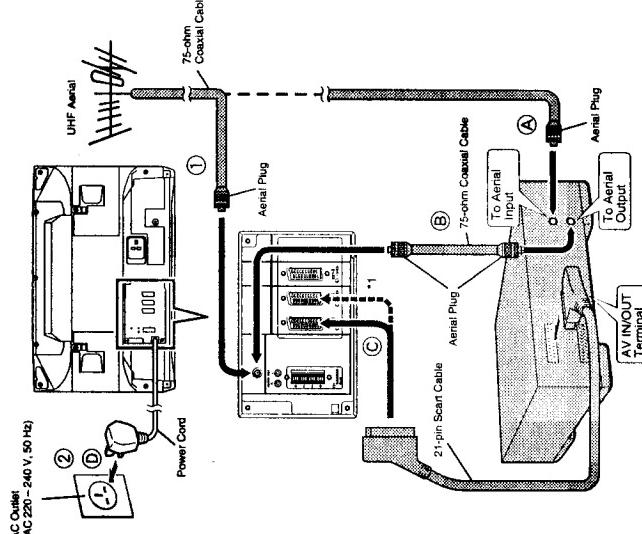
Open the fuse compartment with a blade screwdriver, and replace the fuse.



Preparation

1 Connecting the Aerial and VCR

If connecting a VCR, follow ⑤ → ⑥ → ⑦ → ⑧. If not connecting a VCR, follow ① → ②.



Notes:

- For further details, refer to the manuals provided with the devices to be connected.
- The connecting cables are not provided.
- A viewer can be performed on the VCR without performing ⑤. For details, refer to the VCR manual.
- The shaded items are not provided.
- To connect additional external devices, please refer to page 34.
- To connect external speakers or audio system, please refer to page 35.
- This TV is T-V LINK compatible. To operate T-V LINK, a T-V LINK compatible VCR must be connected to the EXT-2 Terminal on the TV.
- For details about T-V LINK, refer to page 2.
- When a decoder is connected to a T-V LINK compatible VCR, set the Decoder (EXT-2) in the Features menu to ON. (See "Decoder (EXT-2)" on page 28.) Otherwise, you will not be able to view scrambled channels.

3 Initial Setting

You can automatically set up to 99 TV stations to PR channels PR 1 to PR 99 on this TV.

1 Press the Main power button.



The Power lamp (red (power on), then green (TV on)).

- Notes:**
- If the power lamp stays red and does not change to green:
Your TV is in the standby mode. Press (Standby) on your TV remote control to turn your TV on.
 - The TV only enters the initial setting mode the first time it is switched on. You want to change the language and programme settings after this, please refer to page 29.

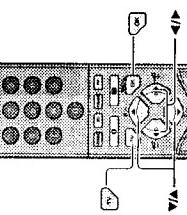
When the TV is first turned on, it enters the initial setting mode, and the JVC logo is displayed.



2 Press .



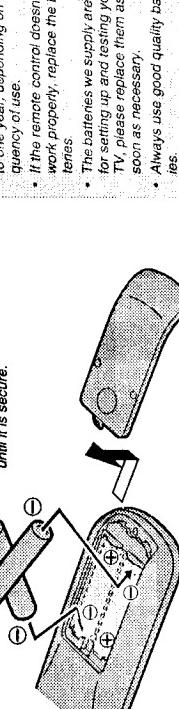
Press to choose ENGLISH.



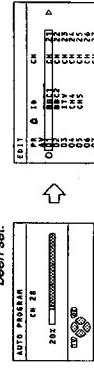
2 Putting Batteries into the Remote Control

Use two AA/R03 dry cell batteries. Insert the batteries from the end, making sure the and polarities are correct.

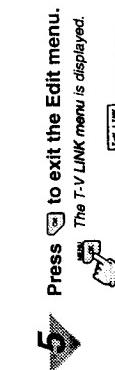
Follow the warnings printed on the batteries.
Battery life is about six months to one year, depending on frequency of use.



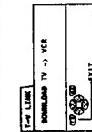
- Notes:**
- The language is set for the on-screen display description, and the Auto Programming starts. The ED/TV menu is displayed after the PR channels have been set.



- In some areas TV reception is possible from more than one transmitter, e.g. different TV stations. In this case each TV channel may be set twice. If this happens the first set of channels will have the stronger signal. If you want to delete the second set of channels, you will have to do it manually, see page 30.
- To receive SKY 1 a satellite tuner is needed; you must have the tuner set to SKY 1 before carrying out automatic tuning.
- To cancel the Auto programming, press .
- To edit PR channels or allocate a station to the PRO (AV) channel, refer to page 30 "Edit/Manual".
- If a station you want to view is not set to a PR channel, manually set it using the Edit menu. (See page 30.)

Preparation**T-V LINK Functions**

5 Press to exit the Edit menu.



■ When a T-V LINK compatible VCR is connected



6 Turn the VCR on.



7 Press .

The transmission of PR channel data from the TV to the VCR begins. The display disappears once the data transmission ends.

This completes the Initial Setting procedure.

Notes:

• For details about T-V LINK, refer to page 7.

• Depending on the type of VCR, the display may change once data transmission ends. In this case, refer to the VCR's Instruction manual.

You have completed the set up.
If you have had any problems setting up your new TV,
please call the JVC Helpline on

0181-208-7654

Enjoy your new JVC TV!

No.51550

- When a T-V LINK compatible VCR is connected to the EXT-2 Terminal on the TV, the procedures for setting up the VCR and viewing videos are simplified.
- T-V LINK uses the following features:

Function	Features	Remarks
① Preset Download	Downloads the PR channel tuning information from the TV to the VCR.	*Starts automatically when the initial setting is complete or whenever the Auto Program or Edit/Manual operations from the Install menu are performed. *This function can be operated via VCR operation.
② DIRECT REC (WYSWYR)	- What You See Is What You Record - You can record to VCR the images that you are currently viewing on TV by one-touch operation. For details, read the manual for your VCR.	*Operates via the VCR. (Operation via the TV is not possible.) *VCR IS RECORDING* is displayed.
③ TV Auto Power On	When the VCR starts playing, the TV automatically turns on and switches to the EXT-2 input mode. When the VCR menu is operated, the TV automatically turns on and switches to EXT-2 input mode.	*This function does not operate if your TV's main power is turned off. Set your TV's main power to on (standby mode).

- To use T-V LINK:
 - a T-V LINK compatible VCR is necessary.
 - the VCR must be connected to the EXT-2 terminal on the TV by a fully wired SCART cable.

T-V LINK compatible VCRs:

- In addition to all JVC VCRs that have the T-V LINK logo, any VCR that has one of the following logos are available for use:
- "Q-LINK" (a trademark of Panasonic Corporation)
 - "Data Logic" (a trademark of Metz Corporation)
 - "Easy Link" (a trademark of Philips Corporation)
 - "Megablock" (a trademark of Grundig Corporation)
 - "SMARTLINK" (a trademark of Sony Corporation)
- These VCRs may support some or all of the features described above. For details, refer to the VCR instruction Manual.

- When "FEATURE NOT AVAILABLE" is displayed:
If "FEATURE NOT AVAILABLE" is displayed after download execution, the download was not performed correctly. Confirm the following before re-executing download:

- that the VCR power is turned on.
- that the VCR is T-V LINK compatible.
- that the VCR is connected to the EXT-2 terminal.
- that the SCART cable is fully wired.

Operating Precautions for DIRECT REC:

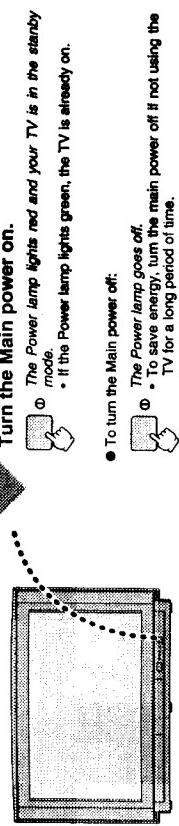
- Generally, the VCR cannot record a channel that cannot be received properly by the VCR's tuner even though that channel could be viewed on the TV.
- In the following conditions, the VCR will stop recording if the TV is turned off, if the TV channel or input is switched, or if the menu is displayed on the TV:
 - When recording images from an external device connected to the EXT-1, EXT-3 or EXT-4 terminal.
 - When recording a channel after it has been unscrambled on a decoder.
 - When recording a channel by using the TV's output because that channel cannot be properly received on the VCR's tuner.

Note:

- Some VCRs can record a channel that cannot be viewed on the TV if using the TV's output if that channel can be viewed on the TV, even though the channel cannot be received properly by the VCR's tuner.

For details, refer to the VCR Instruction Manual.

Basic Operation



Turn the Main power on.



The Power lamp lights red and your TV is in the standby mode.

- If the Power lamp lights green, the TV is already on.

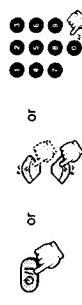
To turn the Main power off:



The Power lamp goes off.
To save energy, turn the main power off if not using the TV for a long period of time.

Operating with the Remote Control

Turn the TV on from standby mode.

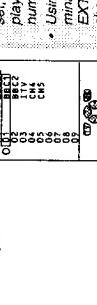


The Power lamp lights red to green.
The TV enters standby mode.

Choose a TV channel.



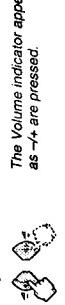
Use the PR List:



Choose a TV channel.



Adjust the volume.



The Volume indicator appears and the volume changes as → ← are pressed.

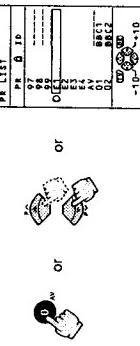
1 Press → .
The volume level indicator appears.
2 Press → while the volume level indicator is displayed.
Indicator is displayed.

Basic Operation

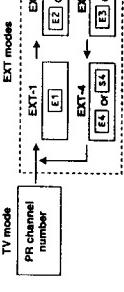
To listen to the sound using headphones, see "Headphone" on page 23.

Watch images from external devices.

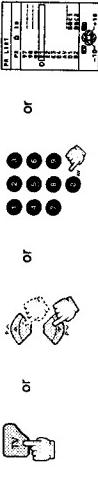
Choosing an EXT terminal or PR 0 (AV) channel.



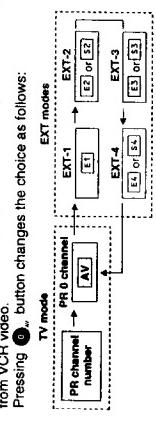
The EXT terminals are registered after the PR 99 channel.
Pressing → button changes the choice as follows:



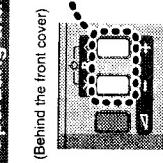
To return to a TV channel:



When the TV and VCR are connected only by the RF cable, the VCR RF channel must be preset to the PR 0 (AV) channel to view VCR video. Choosing the PR 0 (AV) channel allows you to view images from VCR video. Pressing → button changes the choice as follows:

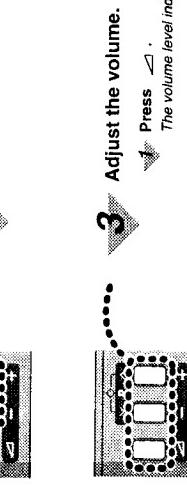


Operating with the Buttons on the TV



1 Turn the TV on from standby mode.

2 Choose a channel or an EXT terminal.

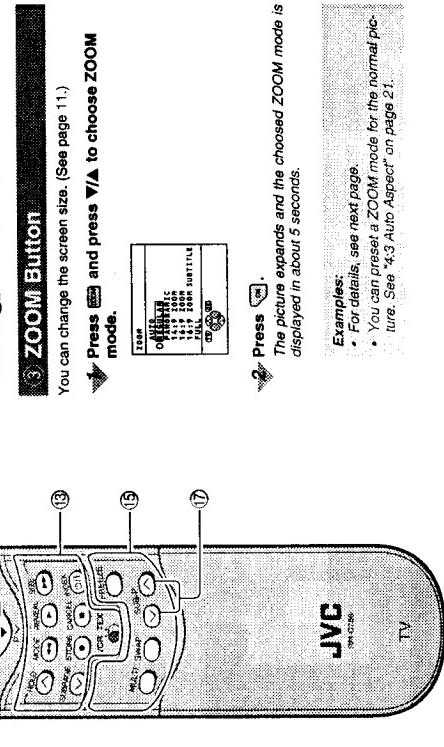
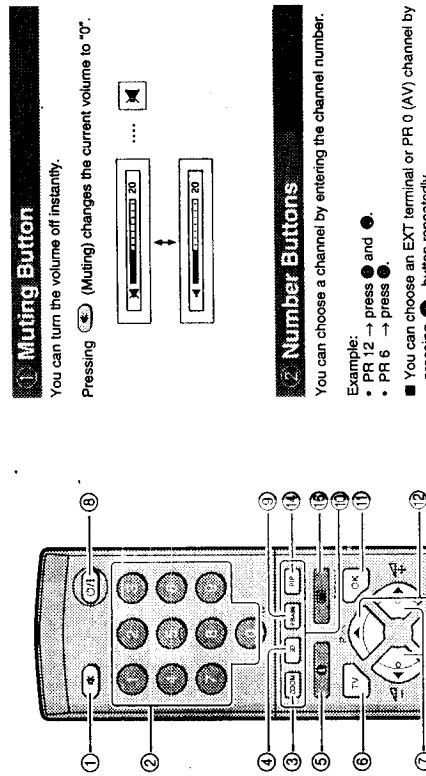


The Volume indicator appears and the volume changes as → ← are pressed.

1 Press → .
The volume level indicator appears.
2 Press → while the volume level indicator is displayed.
Indicator is displayed.

Remote Control Buttons and Functions

Remote Control Buttons and Functions



ZOOM Button (continued)			
Mode	Recommended Picture (Aspect)	Display	Remarks
AUTO	Any picture format except Normal Picture (4:3 Aspect Ratio) Normal Picture (4:3 Aspect Ratio)	The picture will be automatically displayed in the optimum screen size. Displayed in accordance with the zoom mode set on the 4:3 Auto Aspect menu. (See page 21 for further details.)	AUTO may not function properly with poor signal quality. In this case, choose an optimum ZOOM mode manually.
REGULAR	Normal Picture (4:3 Aspect Ratio)		Use to view a normal picture (4:3 aspect ratio) unchanged.
PANORAMIC	Normal Picture (4:3 Aspect Ratio)		This mode stretches the left and right sides of a normal picture to fill the screen, in a way that does not appear unnatural. The top and bottom of the picture are slightly cut off.
14:9 ZOOM	Wide Picture (14:9 Aspect Ratio)		
16:9 ZOOM	Wide Picture (16:9 Aspect Ratio)		
16:9 ZOOM SUBTITLE	Wide Picture (16:9 Aspect Ratio) with Subtitles		This mode uniformly stretches the left and right sides of a normal picture (4:3 aspect ratio) to fill the wide TV screen. Use for pictures with a 16:9 aspect ratio that have been scaled into a normal picture (4:3 aspect ratio), you can restore their original dimensions.
FULL	Normal Picture (4:3 Aspect Ratio)		

Note:
This television supports WSS (wide-screen signals). When broadcasts with WSS are received with the ZOOM mode set at AUTO, the most suitable ZOOM mode is automatically selected in accordance with the WSS.

- Adjusting the visible area of the picture.
If subtitles or the top (or bottom) of the picture are cut off, adjust the visible area of the picture manually.



- Before it disappears, press **VIA** to adjust the visible area vertically.
- Notes:
• You cannot adjust the visible area in AUTO, REGULAR and FULL mode.
• To return to the default position, display the ZOOM menu again and press **OK**.



- Press **OK**.
The ZOOM menu appears.

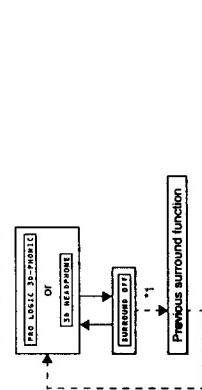
- Press **OK** to display the ZOOM mode indication. Indicator is displayed.

Remote Control Buttons and Functions

Remote Control Buttons and Functions

④ 3D Button

Pressing [④] (3D) toggles the surround function as follows:

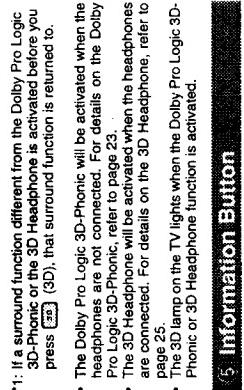


*1: If a surround function different from the Dolby Pro Logic 3D-Phonic or the 3D Headphone is activated before you press [④] (3D), that surround function is returned to.

- The Dolby Pro Logic 3D-Phonic will be activated when the headphones are not connected. For details on the Dolby Pro Logic 3D-Phonic, refer to page 23.
- The 3D Headphone will be activated when the headphones are connected. For details on the 3D Headphone, refer to page 25.
- The 3D lamp on the TV lights when the Dolby Pro Logic 3D-Phonic or 3D Headphone function is activated.

⑤ Information Button

Pressing [⑤] (Information) changes the display as follows.



⑥ Colour Buttons

About the PR List:
You can choose TV channels and EXT terminals operating the PR List. For details, see "Use the PR List" on page 8.
About the current time display:
This TV uses teletext data to set the current time.

- If the TV has not received a station that has teletext data since it was turned on, the time display is blank. To see the current time, choose a station that is broadcasting teletext data. As long as you do not turn off the TV, there even if you choose other stations, the time will still be displayed.
- When watching videos, the wrong current time is sometimes displayed.

Note:

- When an EXT terminal with no input signal is chosen, the EXT number and ID become fixed on the screen.

You can choose a channel by pressing the **V/A** buttons.

- The **V/A** button is also used for the menu operation. Please refer to "Menu Operation" on page 18 for more information.

⑦ V/A Buttons

You can choose a channel by pressing the **V/A** buttons.

- The **V/A** buttons are also used for the menu operation. Please refer to "Menu Operation" on page 18 for more information.

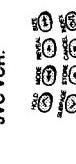
⑧ VCR Control Buttons and VCR/TEXT Switch

You can control your JVC VCR using the VCR Control buttons.

- The **VCR/TEXT** switch to the VCR side.



Press a VCR control button to control your JVC VCR.



- Notes:**
- For details on the VCR Control buttons, see the VCR manual.
 - Depending on your VCR, the remote control may not operate perfectly, and may not even control the VCR at all.

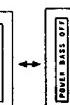
⑨ Standby Button

- Pressing [⑨] (Standby) turns the TV on or off.
- When the TV is turned on, the Power lamp changes from red to green.

⑩ P.BASS (power bass) Button

You can enjoy richer and fuller bass sound.

- Pressing [⑩] (Power Bass) turns the Power Bass on or off.

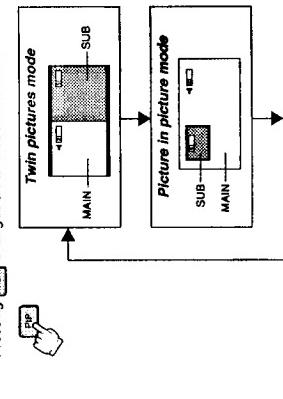


Remote Control Buttons and Functions**Remote Control Buttons and Functions****[14, 15] PIP (picture in picture) Control buttons****■ PIP operation**

Two pictures (MAIN and SUB) are displayed at the same time.

Display the SUB-picture and choose a mode.

Pressing changes a PIP mode as follows.



2 Choose a channel or an EXT mode for the SUB-picture.

2 Choose a picture you want to view.

2 Press .

2 Or press .

Remote Control Buttons and Functions

⑩ ⑪ ⑫ Teletext Control Buttons and VCR/TEXT Switch

■ Basic operation

You can view two types of teletext broadcasts on the TV: Fasttext and WST.

► Choose a channel with a teletext broadcast.

2 Set the VCR/TEXT switch to the TEXT side.

VCR TEXT

► Display the teletext.

TEXT

Pressing (Text) change the mode as follows:



To store the page numbers

Engage the List mode.

Stored page numbers are displayed at the bottom of the screen.

Choose the position, then enter the page number.

Press and hold on.

The four page numbers blink white to indicate that they are stored in memory.

Choose a teletext page.

or

To return to the TV mode:

or

Notes:

- If you have trouble receiving teletext broadcasts, consult your local dealer or the teletext station.

- Category names of teletext pages may appear instead of page numbers.

- In Text mode, ZOOM mode is fixed to FULL mode.

- None of the Menu operations are possible when viewing a teletext programme.

► To call up a stored page

Engage the List mode.

The four page numbers blink white to indicate

that they are stored in memory.

To cancel the List mode:

► Viewing a TV programme on the current channel and Teletext programme on the other channel at the same time.

Press a colour button to which a page has been assigned.

Remote Control Buttons and Functions

⑬ ⑭ ⑮ Teletext Buttons

■ Hold

You can hold a teletext page on the screen for as long as you want, even while several other teletext pages are being received.

Once returned to the TV mode, this operation will be canceled.

Notes:

- You can view a Teletext programme on the other channel while listening to the current TV programme even in the Text mode.

- A Teletext programme on the (Locked) channel cannot be viewed.

To cancel the hold:

■ Index

You can return to the index page instantly.

■ Sub Page

Some teletext pages include sub-pages that are automatically displayed. You can hold any sub-page, or view it at any time.

Display the sub-page list.

Sub-page numbers are displayed at the left of the screen.

■ Faster/WST:

Faster/WST: Returns to page 100 or a previously specified page.

List mode:

List mode: Returns to the page number displayed in the lower left area of the screen.

■ Cancel

Cancel: You can search for a teletext page while watching TV.

Choose a teletext page.

■ Reveal

Reveal: Some teletext pages include hidden text (such as answers to a quiz).

Each time you press

text is hidden or revealed.

■ Return to a teletext page when the page number is on the screen.

The TV programme appears.

The TV searches for a teletext page.

Cancel teletext mode temporarily.

The TV programme appears.

When the TV finds the teletext page, its page number appears in the upper left of the screen.

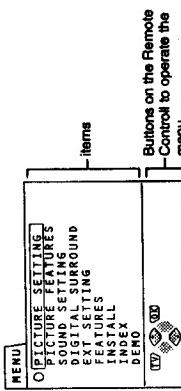
Return to a teletext page when the page number is on the screen.

####

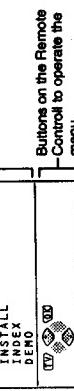
Menu Operation

Picture Setting

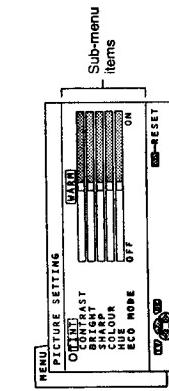
- 1** Display MENU.
- 
- The MENU (main menu) appears.



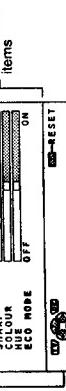
- 2** Choose an item.
- 

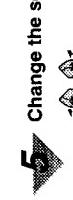


- 3** Display the sub-menu.
- 

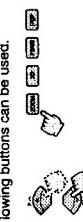


- 4** Choose an Sub-menu item.
- 



- 5** Change the setting.
- 

- Depending on the Sub-menu display, the following buttons can be used.



- 6** Complete the setting.
- 

- The menu disappears.

- To return to the previous menu or exit the MENU.**
- 

- To exit the MENU instantly.**
- 

Picture Adjustment

You can adjust the picture to your liking.

1 Press **▼** to choose an item.



2 Press **◀▶** to adjust the setting.



Item	Higher
Lower	CONTRAST (picture contrast)
Darker	BRIGHT (picture brightness)
Softer	SHARP (picture sharpness)
Lighter	COLOUR (picture colour)
Reddish	HUE (picture hue)
	Greennish

Note: You can adjust the HUE (picture hue) only when the colour system is NTSC 3.58 or NTSC 4.43.

3 To return to the default settings, press the blue button.



Press **OK**. This completes the setting.

Eco Mode

When you set the Eco Mode to ON, the screen contrast is automatically adjusted to a setting suitable for the brightness of your room. This reduces eye strain and the power consumption of the TV.

1 Press **▼** to choose TINT.



2 Press **◀▶** to choose a mode.



Sub-menu items	COOL
WARM	A cool white colour base with a boost in the colour and contrast levels that creates a more vivid picture.
NORMAL	A warm orange/red colour base that creates the appropriate colour and contrast levels for watching films.
WHITE	A normal white colour base with normal colour and contrast levels.

3 Press **▼** to choose ECO MODE.



4 Press **◀▶** to choose ON.



5 To cancel the Eco Mode, choose OFF.

6 Press **OK**. This completes the setting.

If you set the Eco Mode to ON, the Eco lamp lights.

Picture Features

Picture Features



Colour System

The colour system is automatically chosen, but if the picture is not clear or no colour appears, choose the colour system manually.

Press $\nabla \Delta$ to choose COLOUR SYSTEM. Then Press \square .



2 Choose PICTURE FEATURES.

MAIN: You can choose the colour system of MAIN-picture.

SUB: You can choose the colour system of SUB-picture.

3 Press $\nabla \Delta$ to choose the appropriate colour system.

PAL:

PAL system.

NTSC3.58:

NTSC 3.58 MHz system.

NTSC4.43:

NTSC 4.43 MHz system.

AUTO:

Automatic colour system selection.

Notes:

- The AUTO may not function properly with poor signal quality. If the picture is abnormal in AUTO mode, choose another colour system manually.
- When in the TV mode (PR 1 to PR 9), you cannot choose AUTO, NTSC 3.58 or NTSC 4.43.
- When in the TV mode (PR 0), you cannot choose NTSC 3.58 or NTSC 4.43.

DigiPure

When the DigiPure is set to ON, optimum edge compensation applies to each portion of the same picture through digital edge compensation. Thus, clear and natural looking images are obtained.

1 Press $\nabla \Delta$ to choose DigiPure.

2 Press $\nabla \Delta$ to choose ON.

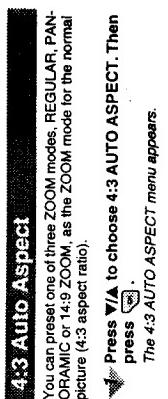
To cancel the DigiPure, choose OFF.

3 Press \square .

This completes the setting.

Notes:

- Set the DigiPure to ON normally.
- The DigiPure function can also be set to ON and OFF by pressing \square (Volume) button on the TV for 5 seconds or more.



2 Press $\nabla \Delta$ to choose a ZOOM mode.



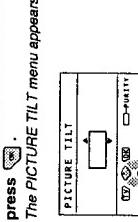
3 Press \square .

This completes the setting.

Picture Tilt

There are cases where the effects of the magnetic pull from the earth may make the picture tilt or make unnatural colours appear in the corner of the screen. If this happens, correct the picture as follows.

1 Press $\nabla \Delta$ to choose PICTURE TILT. Then Press \square .



This completes the setting.

2 Correct the picture.

To correct picture tilt:

1 Press $\nabla \Delta$ until the picture becomes horizontal.

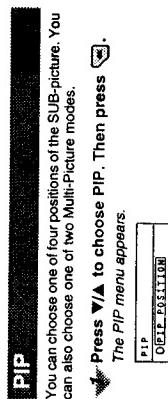
To reduce unnatural colouring:

1 Press the blue button in order to display the purity correction screen.

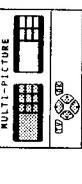
2 Press $\nabla \Delta$ until the unnatural colouring is reduced as much as possible.

3 Press \square .

The correction is complete.



1 Press $\nabla \Delta$ to choose PIP. Then press \square .



2 Change the PIP menu setting.

Choosing a position of SUB-picture:

1 Press $\nabla \Delta$ to choose PIP POSITION.

2 Press $\nabla \Delta$ to choose a position.

Choosing a Multi-Picture mode:

1 Press $\nabla \Delta$ to choose MULTI-PICTURE.

2 Press $\nabla \Delta$ to choose a mode.

3 Press \square .

This completes the setting.

Sound Setting

Sound Adjustment

You can adjust the sound to your liking.

Press **VIA** to choose an item.

Note: When DOLBY PRO LOGIC or PRO LOGIC 3D-PHONIC is chosen in the DIGITAL SURROUND menu, "BALANCE" does not appear. If you want to adjust the sound balance, see pages 24 and 36.

Display MENU.

Press **VIA** to choose SOUND SETTING.

Choose **SOUND SETTING**.

Press **VIA** to choose STEREO / I • II.

Press **VIA** to choose ON.

This completes the setting.

Display the Sound Setting menu.

Press **VIA** to choose SPEAKER.

Press **VIA** to choose BALANCE.

Press **VIA** to choose BASS.

Press **VIA** to choose TREBLE.

Press **VIA** to choose STRONGER.

Press **VIA** to choose WEAKER.

Press **VIA** to choose RIGHT.

Press **VIA** to choose LEFT.

Press **VIA** to choose Item.

Press **VIA** to choose VOLUME.

Press **VIA** to adjust it.

This completes the settings.

Speaker

It is possible to prevent the sound being emitted from the TV speakers. This function should only be used to emit the sound from an audio system connected to the television as a substitute for the TV speakers.

When you use your audio system instead of the TV speakers:

Please refer to "Connecting an Audio System" on page 36.

To output the sound from TV speakers:

Press **VIA** to choose SPEAKER.

Press **VIA** to choose ON.

Press **VIA** to choose STEREO / I • II.

This completes the setting.

Press **VIA** to choose STEREO / I • II.

Notes:

The Multi Sound mode display is different from the broadcast programme.

The Multi Sound function does not work in the EXT modes. And the STEREO / I • II does not appear in SOUND SETTING menu.

Press **VIA** to choose a Multi Sound mode.

O : Stereo sound

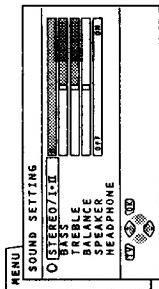
I : Bilingual (Sub I)

I : Bilingual II (Sub II)

O : Normal sound

Press **VIA**.

This completes the setting.



Display MENU.

Press **VIA**.

Choose **DIGITAL SURROUND**.

Press **VIA** to choose ON.

This completes the setting.

Notes:

The Headphone Surround menu appears when the headphones are connected.

The Dolby Pro Logic Surround menu appears when the headphones are connected.

The 3D lamp lights while this function is operating.

Press **VIA** to choose a Multi Sound mode.

O : Stereo sound

I : Bilingual (Sub I)

I : Bilingual II (Sub II)

O : Normal sound

Press **VIA**.

This completes the setting.

Press **VIA** to choose a Surround mode.

DOLBY PRO LOGIC 3D-PHONIC

DOLBY LOGIC 3D-PHONIC

DOLBY PRO LOGIC

DANCE CLUB

CONCERT HALL

HIGH END HYPER SOUND

SURROUND OFF

MORE

Press **VIA**.

This completes the setting.

Press **VIA** to choose a Surround mode.

DOLBY PRO LOGIC 3D-PHONIC

DOLBY LOGIC 3D-PHONIC

DOLBY PRO LOGIC

DANCE CLUB

CONCERT HALL

HIGH END HYPER SOUND

SURROUND OFF

MORE

Press **VIA**.

This completes the setting.

Headphone

You need to use the headphone menu in order to adjust the volume of the headphones. Use of the headphone menu also makes it possible to select whether to emit sound from the TV speakers when using the headphones, and whether to emit the sound of the MAIN-picture or SUB-picture through the headphones.

Press **VIA** to choose HEADPHONE. Then press **VIA**.

The Headphone menu appears.

To listen to the sound of the SUB-picture on your headphones:

Press **VIA** to choose OUTPUT.

Press **VIA** to choose SUB.

To listen to the sound of the MAIN-picture, press **VIA**.

To change the setting:

Press **VIA** to adjust the volume.

Press **VIA** to choose VOLUME.

Press **VIA** to adjust the volume.

To prevent the sound being emitted from the TV speakers when the headphones are in use.

Press **VIA** to choose TV SPEAKER.

Press **VIA** to choose OFF.

The sound will be emitted from the TV speakers even when listening on the headphones if the TV SPEAKER setting is at ON.

Press **VIA** to choose ON.

This completes the settings.

Press **VIA** to choose SPEAKER.

Press **VIA** to choose ON.

This completes the settings.

Press **VIA** to choose STEREO / I • II.

This completes the setting.

Press **VIA** to choose ON.

This completes the settings.

Press **VIA** to choose STEREO / I • II.

This completes the settings.

Press **VIA** to choose ON.

This completes the settings.

Press **VIA** to choose ON.

This completes the settings.

Press **VIA** to choose ON.

This completes the settings.

Press **VIA** to choose ON.

This completes the settings.

Press **VIA** to choose ON.

This completes the settings.

Press **VIA** to choose ON.

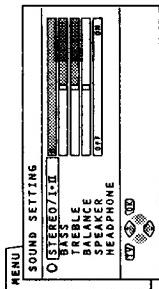
This completes the settings.

Press **VIA** to choose ON.

This completes the settings.

Press **VIA** to choose ON.

This completes the settings.



Display MENU.

Press **VIA**.

Choose **HEADPHONE**.

Press **VIA** to choose ON.

This completes the setting.

Press **VIA** to choose STEREO / I • II.

This completes the setting.

Press **VIA** to choose ON.

This completes the setting.

Press **VIA** to choose STEREO / I • II.

This completes the setting.

Press **VIA** to choose ON.

This completes the setting.

Press **VIA** to choose STEREO / I • II.

This completes the setting.

Press **VIA** to choose ON.

This completes the setting.

Press **VIA** to choose ON.

This completes the setting.

Press **VIA** to choose ON.

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Press **VIA** to choose ON.

This completes the setting.

Press **VIA** to choose ON.

This completes the setting.

Press **VIA** to choose ON.

This completes the setting.

Digital Surround

You need to use the headphone menu in order to adjust the volume of the headphones. Use of the headphone menu also makes it possible to select whether to emit sound from the TV speakers when using the headphones, and whether to emit the sound of the MAIN-picture or SUB-picture through the headphones.

Press **VIA** to choose HEADPHONE. Then press **VIA**.

The Headphone menu appears.

To listen to the sound of the SUB-picture on your headphones:

Press **VIA** to choose OUTPUT.

Press **VIA** to choose SUB.

To listen to the sound of the MAIN-picture, press **VIA**.

To change the setting:

Press **VIA** to adjust the volume.

Press **VIA** to choose VOLUME.

Press **VIA** to adjust the volume.

To prevent the sound being emitted from the TV speakers when the headphones are in use.

Press **VIA** to choose TV SPEAKER.

Press **VIA** to choose OFF.

The sound will be emitted from the TV speakers even when listening on the headphones if the TV SPEAKER setting is at ON.

Press **VIA** to choose ON.

This completes the settings.

Press **VIA** to choose SPEAKER.

Press **VIA** to choose ON.

This completes the settings.

Press **VIA** to choose STEREO / I • II.

This completes the settings.

Press **VIA** to choose ON.

This completes the settings.

Press **VIA** to choose ON.

This completes the settings.

Press **VIA** to choose ON.

This completes the settings.

Press **VIA** to choose ON.

This completes the settings.

Press **VIA** to choose ON.

This completes the settings.

Press **VIA** to choose ON.

This completes the settings.

Press **VIA** to choose ON.

This completes the settings.

Press **VIA** to choose ON.

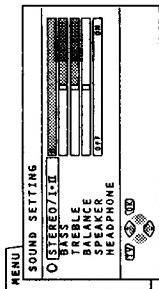
This completes the settings.

Press **VIA** to choose ON.

This completes the settings.

Press **VIA** to choose ON.

This completes the settings.



Display MENU.

Press **VIA**.

Choose **HEADPHONE**.

Press **VIA** to choose ON.

This completes the setting.

Press **VIA** to choose STEREO / I • II.

This completes the setting.

Press **VIA** to choose ON.

This completes the setting.

Press **VIA** to choose ON.

This completes the setting.

Press **VIA** to choose ON.

This completes the setting.

Press **VIA** to choose ON.

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This completes the setting.

Press **VIA** to choose ON.

This completes the setting.

Press **VIA** to choose ON.

This completes the setting.

Press **VIA** to choose ON.

This completes the setting.

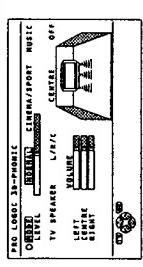
Press **VIA** to choose ON.

This completes the setting.

Digital Surround

▶ Press **▼/▲** to choose PRO LOGIC 3D-PHONIC.
Then press **▶**.

The PRO LOGIC 3D-PHONIC menu appears.



● To cancel the surround function, choose SURROUND OFF from the Digital Surround menu and then press **◀**.

▶ Press **▼/▲** to choose TV SPEAKER. Then, press **◀/▶** to choose a TV Speaker mode.

Note:
• When external speakers are not connected, leave the TV SPEAKER setting as L/R/C. Otherwise, the sound may not function properly or become mono.

▶ Press **▼/▲** to choose TV SPEAKER. Then, press **◀/▶** to choose a mode.

CENTER:
Use when you do not use your audio system.

CENTRE:
Use when you use your audio system.
TV speakers will work as the centre speakers when you enjoy the Dolby Pro Logic 3D-Phonic.

OFF:
This method enhances spoken dialogue.
TV speakers will not sound.
This mode does not use a centre speaker.

▶ Press **◀**.

● To cancel the surround function, choose SURROUND OFF from the Digital Surround menu and then press **◀**.

Note:
• When headphones are connected to the TV, the 3D Headphone function operates automatically.

▶ Using the 3D button:
You can turn on Dolby Pro Logic 3D-Phonic with one touch. For details, refer to "④ 3D Button" on page 12.

Adjusting the speaker volume:
▶ Press **▼/▲** to choose a speaker. Then, press **◀/▶** to adjust the volume level.

TV SPEAKER:
Only change this setting when you use your audio system instead of TV speakers. For details, refer to "Connecting Surround Speakers" on page 36.

Dolby Pro Logic

You can enjoy Dolby Pro Logic® surround sound with additional surround speakers.
For connecting surround speakers, refer to "Connecting Surround Speakers" on page 36.

▶ Press **▼/▲** to choose DOLBY PRO LOGIC.
Then press **▶**.

● To cancel the surround function, choose SURROUND OFF from the Digital Surround menu and then press **◀**.

Note:
• When headphones are connected to the TV, the 3D Headphone function operates automatically.

Note:
• This function will not work correctly if you do not connect the additional surround speakers.

• You can connect both your audio system and additional surround speakers, and enjoy Dolby Pro Logic surround sound. For details, refer to "Connecting both Your Audio System and Surround Speakers" on page 37.

• This function is only available for Dolby Surround encoded programmes.

• You cannot enjoy Dolby Pro Logic surround sound with headphones.

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Other Surround Functions

You can enjoy enhanced sound by choosing one of four Digital Surround modes.

▶ Press **▼/▲** to choose a mode.

DANCE CLUB:

Creates a dance club atmosphere.
CONCERT HALL:

Creates a concert hall atmosphere.

STADIUM:

Creates a stadium atmosphere.

HYPER SOUND:

Enhances mono sound to create a stereo sound field.

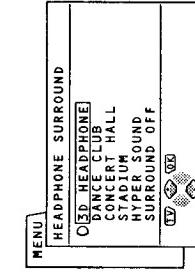
This function is only available for Dolby Surround encoded programmes.

Notes:

- Digital surround functions other than Hyper Sound do not work well for programmes in mono.
- Hyper Sound only works for programmes in stereo.
- It does not work well for programmes in stereo.
- If the headphones are connected while in one of the above modes, one of Headphone Surround functions will activate automatically.

- To cancel the surround function, choose SURROUND OFF from the Digital Surround menu and then press **◀**.

Headphone Surround



▶ Press **▼/▲** to choose a mode.

Headphone Surround

You can enjoy enhanced sound while using headphones by choosing one of five Headphone Surround modes.

▶ Press **▼/▲** to choose a mode.

3D HEADPHONE:

Creates a broad, atmospheric sound.

DANCE CLUB:

Creates a dance club atmosphere.

CONCERT HALL:

Creates a concert hall atmosphere.

STADIUM:

Creates a stadium atmosphere.

HYPER SOUND:

Enhances mono sound to create a stereo sound field.

This function is only available for Dolby Surround encoded programmes.

▶ Press **◀**.

Condition:
• You have to connect the headphones to the TV before you display the MENU.

▶ Display MENU.

● To cancel the surround function, choose SURROUND OFF from the Headphone Surround menu and then press **◀**.

▶ Using the 3D button:
You can turn on 3D Headphone with one touch. For details, refer to "④ 3D Button" on page 12.

Note:

• The 3D lamp lights while the 3D Headphone function is operating.

▶ Using the 3D button:

You can turn on 3D Headphone with one touch. For details, refer to "④ 3D Button" on page 12.

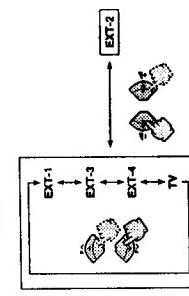
▶ Display the Headphone Surround menu.

EXT Setting

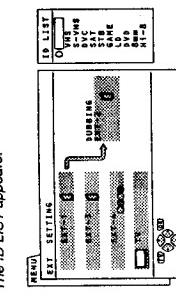
Features

■ To give an EXT ID

- Press $\blacktriangle/\blacktriangledown/\blacktriangleright/\blacktriangleleft$ to choose an EXT terminal.



- Press the blue button.
The ID LIST appears.

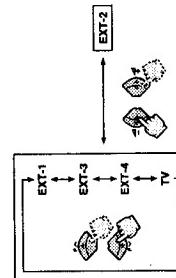


- Press $\blacktriangledown/\blacktriangleleft$ to choose a EXT ID.
Note: To erase the EXT ID, choose a blank space.

- Press $\blacktriangle/\blacktriangledown/\blacktriangleright/\blacktriangleleft$.
The EXT ID is set to the EXT terminal.
This completes the setting.

■ To choose S-VIDEO input

- Press $\blacktriangle/\blacktriangledown/\blacktriangleright/\blacktriangleleft$ to choose an EXT terminal.



- Press the yellow button.
The S-VIDEO input indication appears.

- To choose normal input, press the yellow button again.

- Press $\blacktriangle/\blacktriangleright$.
This completes the setting.

Note:

- One minute before the Sleep Timer turns off the TV, "GOOD NIGHT" appears.

Blue Back

You can set the TV to automatically change to a blue screen and mute the sound when a weak signal or no signal is received, or when there is no input from an external device.

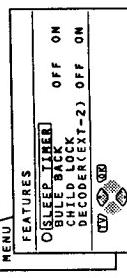
- Press $\blacktriangledown/\blacktriangleleft$ to choose BLUE BACK.

- Press $\blacktriangleright/\blacktriangleleft$ to choose ON.

- Press $\blacktriangleright/\blacktriangleleft$ to choose OFF.

- Press \blacktriangle .
This completes the setting.

■ FEATURES



- Display MENU.

- Choose FEATURES.

- Display the Features menu.

Sleep Timer

You can set the TV to automatically turn off after a specified period of time.

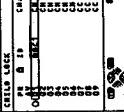
Note: The Sleep Timer does not turn off the Main power.

- Press $\blacktriangleright/\blacktriangleleft$ to choose SLEEP TIMER. Then press \blacktriangle .

- The Sleep Timer menu appears.

- Press $\blacktriangleright/\blacktriangleleft$ to choose the ID number.

1. Press $\blacktriangledown/\blacktriangleleft$ to choose a number.
2. Press $\blacktriangleright/\blacktriangleleft$ to move the cursor.



- Press \blacktriangle .
The Child Lock menu appears.

- Press $\blacktriangleright/\blacktriangleleft$ to choose CHILD LOCK. Then press \blacktriangle .

- The Set ID No. menu appears.

- Press $\blacktriangleright/\blacktriangleleft$ to choose the ID number.

1. Press $\blacktriangledown/\blacktriangleleft$ to choose a number.
2. Press $\blacktriangleright/\blacktriangleleft$ to move the cursor.



- Press \blacktriangle .
The Sleep Timer lamp lights if you set the Sleep Timer.

- To cancel the Sleep Timer:
Do step 1 to display the Sleep Timer menu, and press \blacktriangle .
After checking the remaining time, press \blacktriangle .

- The Sleep Timer lamp lights out.
• The Sleep Timer lamp goes out.

Features

- Decoder (EXT-2)**
- When you connect a Decoder to a T-V LINK compatible VCR, you have to set the Decoder (EXT-2) to ON for watching scrambled channels.
- Choose a scrambled channel.
 - The scrambled picture appears.
 - If the picture is unscrambled, you don't need to change the Decoder (EXT-2) setting.
 - Press to display MENU. Then Press to choose FEATURES.
 - Press to display the Features menu.
 - Press to choose DECODER (EXT-2).
 - Press to choose ON.
 - Press .
- This completes the setting.
- Notes:**
- You cannot choose a locked channel using the buttons on the remote control nor the P/M buttons on the TV.
 - Even if a locked channel is displayed, the programme cannot be watched.

To watch a locked channel

Press the number buttons to choose a locked channel.

The mark appears.

Press (Information).

The ID No. input menu appears.

[ID No.:-----]

Press the number buttons to enter the ID number.

The locked channel can now be watched.

If you forget the ID number.

Do steps 1 or "To set the Child Lock". After confirming the ID number, press to exit the menu.

Note:
Depending on the type of VCR, the display may change once data transmission ends.
In this case, refer to the VCR's manual.

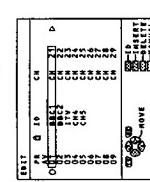
Install

- Notes:**
- In some areas TV reception is possible from more than one transmitter, e.g. different TV regions. In this case each TV channel may be set twice. This happens if the first set of channels will have the stronger signal. If you want to delete the second set of channels, you will have to do it manually; see page 30.
 - To receive SKY 1 a satellite tuner is needed. You must set the tuner set to SKY 1 before carrying out automatic tuning.
 - To cancel the Auto programming, press .
 - If a station you want to view is not set to a PR channel, manually set it using the Edit menu. (See page 30.)
 - To edit PR channels or set a station to PR 0 (AV) channel, refer to page 30 "Edit/Manual".
- Display MENU**
- Press .
- This completes the procedure and the T-V LINK menu appears.
- Choose INSTALL.**
- Press .
- Display the Install menu.**
- Press .
- Language**
- When a T-V LINK compatible VCR is connected:
You can transmit the latest PR channel data from the TV to the VCR. Carry out the procedure described in "Downloading the PR channel data to the VCR" on page 32.
- When a T-V LINK compatible VCR is not connected:
You cannot transmit the latest PR channel data from the TV to the VCR. Press to exit the T-V LINK menu.
- Auto Program**
- You can automatically allocate up to 99 stations to the PR channels (PR 1 to PR 99) on this TV.
- Press to choose AUTO PROGRAM, then press .**
- The Auto Programming starts. The Edit menu appears after the PR channels have been set.
- BBC1, BBC2, ITV, CHANNEL 4 and CHANNEL 5 are automatically set to PR 1 to PR 5.
 - If the TV doesn't receive one of these channels, that PR channel will not be set.
 - SKY 1 is set to PR 6, but no ID is set.

You can change PR channel settings.

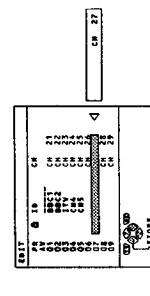
- You can delete an unwanted station from a PR channel.
- You can change the PR channel number of a station.
- You can add station IDs to PR channels.
- You can insert a new station to a PR channel, or
- You can manually set the desired station to a PR channel.

- 1 Press **▼▲** to choose EDIT/MANUAL.
The Edit menu appears.

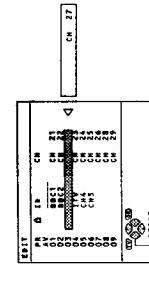


■ Changing the PR channel number

- 1 Press **▼▲** to choose the station, then press



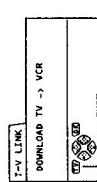
- 2 Press **▼▲** to move the station to the desired PR channel number.



- 3 Use any of the following procedures to edit the PR channel setting.

3. Press **▼▲**.

This completes the procedure and the T-V LINK menu appears.

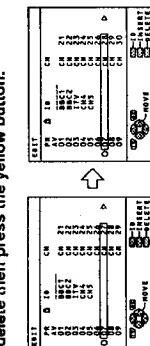


When a T-V LINK compatible VCR is connected:
You can transmit the latest PR channel data from the TV to the VCR. Carry out the procedure described in "Downloading the PR channel data to the VCR" on page 32.

When a T-V LINK compatible VCR is not connected:
You cannot transmit the latest PR channel data from the TV to the VCR. Press **▼** to exit the T-V LINK menu.

■ Deleting a station

- 1 Press **▼▲** to choose the station you want to delete then press the yellow button.

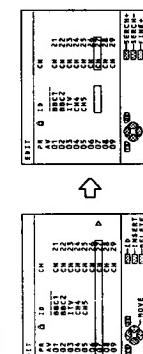


Note:
• If you delete a station from a PR channel, the following stations' PR channel number move back one.

■ Setting a station to a PR channel manually

- 1 Press **▼▲** to choose a PR channel number, then press the blue button.

Note:
• PR channel number "AV" appears on the screen as PR 0 channel. We recommend setting this PR channel to the VCR RF channel from a VCR connected to the aerial socket.



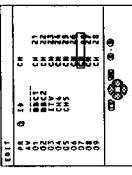
- 2 Press **▼▲** to choose the station ID.

Note:
• To cancel the operation, press **■** (Information).
• Press **▼▲**.
Adding a Station ID name of your own:
Do the following procedure in place of "Adding a Station ID".



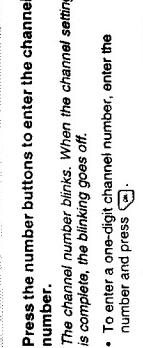
■ Inserting a new station

- 1 Press **▼▲** to choose the PR channel, then press the green button.



- 2 To cancel the operation, press **■** (Information).

Note:
• For details on the relationship between the displayed CH number and the actual channel number, see the Channel Table on page 38.



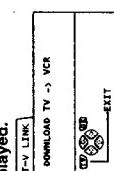
- 3 Press **▼▲**.

Note:
• When you insert a station, the station preset to PR9 is deleted.



Install**Index**

- Downloading the PR channel data to the VCR.**
You can transmit the latest PR channel data from the TV to the VCR with T-V LINK.
 Make sure that the T-V LINK menu is displayed.

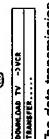


Notes:

- You cannot display the T-V LINK menu directly by choosing it from a menu.
- You cannot transmit the PR channel data to the VCR when a T-VLINK compatible VCR is not connected. Press  to exit this menu.
- For details about T-V Link, refer to page 7.

-  Turn the VCR on.

-  Press .


The data transmission begins.
The display disappears once the data transmission ends.

Note:

- Depending on the type of VCR, the display may change once data transmission ends.
In this case, refer to the VCR's manual.

The functions in each menu are listed in the Index menu. The required function can be found in the Index menu and the operating menu for that function can be entered with one touch.

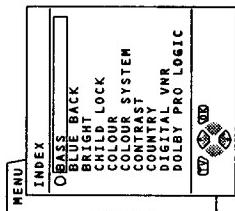
- 1 Press  to choose a function.**

If the desired function is not displayed, press  until it appears.

- 2 Press .**

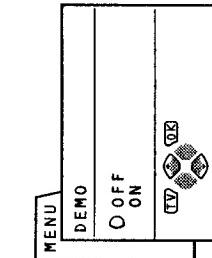
The chosen function's operating menu will be displayed.

- To return to the MENU (Main Menu), press .

**Display MENU.**

-  

- 2 Choose INDEX.**

**Display the Index menu.****Demo**

You can see the main features of your TV by using the Demo function.

When the Demo is set to ON:

Each time the TV is turned on, the demonstration starts automatically. If you do not want that to happen, set the Demo setting to OFF.

- 1 Press  to choose ON.**

- To cancel the Demo function, choose OFF.

- 2 Press .**

The demonstration will start.

To stop the demonstration, press one of the buttons on the remote control.

Display MENU.

- 2 Choose DEMO.**

**3 Display the Demo menu.**

Additional Preparation

Connecting Speakers

Notes:

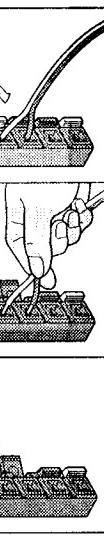
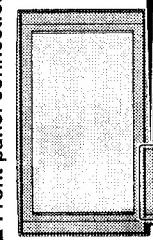
- Use headphones with a stereo mini-jack (dia.: 3.5 mm).
- When using headphones, follow the procedure "Headphones" on page 23.
- Connecting cables are not supplied.
- This TV set has external device connectors to which you can connect external devices. However, there are some differences in functions among them. Consult the table below before making connections.

External terminals specifications

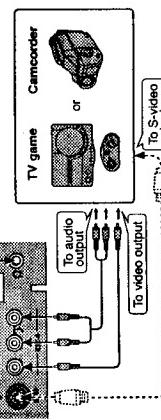
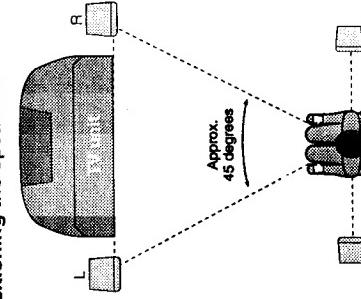
	EXT-1	EXT-2	EXT-3	EXT-4 (front)
VIDEO IN	✓	✓ ¹	✓ ¹	✓ ¹
VIDEO OUT	✓ ²	✓ ³	—	—
S-VIDEO IN	—	✓ ¹	✓ ¹	✓ ¹
S-VIDEO OUT	—	—	—	—
RGB IN	✓	—	—	—
AUDIO-L IN	✓	✓	✓	✓
AUDIO-R IN	✓	✓	✓	✓
AUDIO-L OUT	✓ ²	✓ ³	—	—
AUDIO-R OUT	✓ ²	✓ ³	—	—
TV-LINK	—	✓	—	—
Others	<ul style="list-style-type: none"> • Automatic detection and switching of input mode. • Automatic detection and switching of zoom mode. 			

¹ Choose VIDEO or S-VIDEO mode from the EXT Setting menu. For details, see page 26 "EXT Setting".
² Only the TV broadcast is output. Even when a SUB-picture is displayed, the output TV broadcast PIP channel does not change. However, when another channel is being watched in the SUB-picture, if the Swap function is used, the output channel is changed.
³ TV broadcasts or inputs from other EXT terminals can be output. For details, see page 26 "Dubbing".

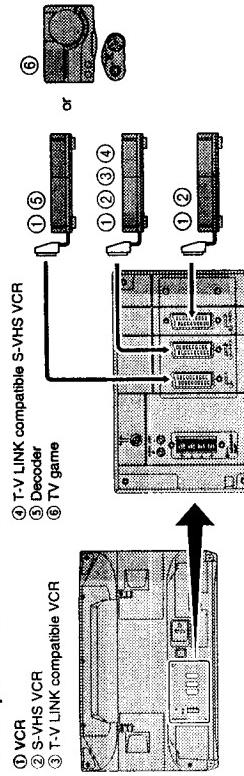
Front panel connections



Positioning the speakers



Rear panel connections



Connecting Speakers

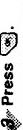
Connecting Surround Speakers

You can enjoy the Dolby Pro Logic surround sound with two additional surround speakers.

Note: You can connect both your audio system and additional surround speakers. For details, refer to page 37.

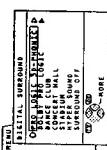
① Connect the surround speakers ② to the SURROUND REAR terminal.

② Turn the TV on.

③ Press . The MENU appears.

④ Press  to choose DIGITAL SURROUND and then press .

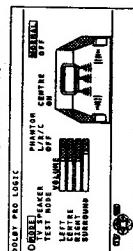
The Digital Surround menu appears.

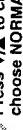


Note: If the Digital Surround does not appear in the MENU, disconnect the headphones from the TV.

⑤ Press  to choose DOLBY PRO LOGIC and then press .

The Dolby Pro Logic menu appears.



⑥ Press  to choose MODE and  to choose NORMAL.

Note: If you do not want to use the center speaker on the TV, choose PHANTOM instead of NORMAL.

⑦ Press  to choose TV SPEAKER and  to choose L/R/C.

Note: When 'SPEAKER' does not appear in the Sound Setting menu, press  twice to exit the menu and press  twice to display 'SURROUND OFF'. Then repeat this procedure from step 3.

⑧ Press  to choose TEST MODE and press  to choose ON. Test signals are output alternately from the speakers.

To output sound from the TV speakers:
Set SPEAKER TO ON.

Connecting Speakers

⑨ Press . This completes the settings.

⑩ Turn the stereo amplifier on and re-adjust the volume setting, then press  to adjust the volume.

Note:

- When the Phantom mode is set, the volume of the Centre speaker cannot be adjusted.

⑪ Press . This completes the setting.

Note:

- The TV SPEAKER setting in the Sound Setting menu is linked to the other TV Speaker setting in the Dolby Pro Logic 3D-Phonic menu and the Dolby Pro Logic menu.

If you change the one of them, the others will be changed automatically.

- You can use the TV speakers as the centre speakers when you enjoy the Dolby Pro Logic 3D-Phonic surround sound. This method enhances spoken dialogue. For details, refer to page 24.

Connecting both Your Audio System and Surround Speakers

When you connect both your audio system and the additional surround speakers, you can enjoy the Dolby Pro Logic Surround sound with four external speakers and also you can use the TV speakers as the centre speakers.

When you do not use the Dolby Pro Logic or Dolby Pro Logic 3D-Phonic function, you can use your audio system as front speakers instead of the front speakers on the TV.

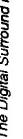
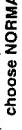
⑫ Connect your stereo amplifier ① to the AUDIO OUT terminals and connect surround speakers ② to the SURROUND REAR terminal.

⑬ Turn the TV on and set the volume to the normal setting.

⑭ Connect your stereo amplifier ① to the AUDIO OUT terminals.

⑮ Turn the TV on and set the volume to the lowest setting.

⑯ Press . The MENU appears.

⑰ Press  to choose SOUND SETTING. Then press .

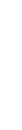
The Sound Setting menu appears.



Note: If Digital Surround does not appear in the MENU, disconnect the headphones from the TV.

⑱ Press  to choose DOLBY PRO LOGIC and then press .

The Dolby Pro Logic menu appears.

⑲ Press  to choose MODE and  to choose NORMAL.

Note: When 'SPEAKER' does not appear in the Sound Setting menu, press  twice to exit the menu and press  twice to display 'SURROUND OFF'. Then repeat this procedure from step 3.

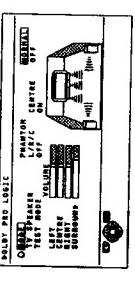
⑳ Press  to choose SPEAKER and press  to choose OFF. Then press .

To output sound from the TV speakers:
Set SPEAKER TO ON.

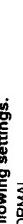
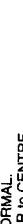
Connecting Speakers

⑴ Press . The DolBY PRO LOGIC menu appears.

This completes the settings.



⑵ Press  to choose an item and  to change the following settings.

⑶ Press  to choose TEST MODE and  to change the following settings.

⑷ Set TV SPEAKER to CENTRE. If you do not want to use the TV speakers as the centre speakers, Set MODE to NORMAL.

⑸ Set TV SPEAKER to PHANTOM. If you want to use the TV speakers as the centre speakers, Set MODE to PHANTOM.

⑹ Turn the stereo amplifier on and re-adjust the volume setting.

Note: Setting the volume of the stereo amplifier too high may damage the speakers.

The SPEAKER setting in the Sound Setting menu is linked to the other TV Speaker setting in the Dolby Pro Logic 3D-Phonic menu and the Dolby Pro Logic menu.

If you change the one of them, the others will be changed automatically.

⑺ You can use the TV speakers as the centre speakers when you enjoy the Dolby Pro Logic 3D-Phonic surround sound. This method enhances spoken dialogue. For details, refer to page 24.

⑻ Set TV SPEAKER to PHANTOM. If the test signal is too faint, adjust the volume of the stereo amplifier. However, setting the volume too high may damage the speakers.

⑼ Set TV SPEAKER to ON. Test signals are output alternately from the speakers.

⑽ Set TV SPEAKER to ON. So the volume levels match the listening position (the location) of the viewer as described by the diagram on page 35.

⑾ Set TV SPEAKER to ON. LEFT, RIGHT: Front Speaker L, R; CENTRE: Centre Speaker; SURROUND: Surround Speakers.

⑿ Set TV SPEAKER to ON. Notes: When the volume of the stereo amplifier is set, the volume of the Centre speaker cannot be adjusted.

If the volume of the speakers does not match after adjusting the volume levels, adjust the volume of the stereo amplifier.

⑽ Press .

This completes the settings.

⑾ Press .

The TV SPEAKER setting in the Dolby Pro Logic menu is linked to the other TV Speaker setting in the Sound Setting menu.

If you change this one of them, the others will be changed automatically.

⑿ Press .

This completes the settings.

⑽ Press .

The TV SPEAKER setting in the Dolby Pro Logic menu is linked to the other TV Speaker setting in the Sound Setting menu.

If you change this one of them, the others will be changed automatically.

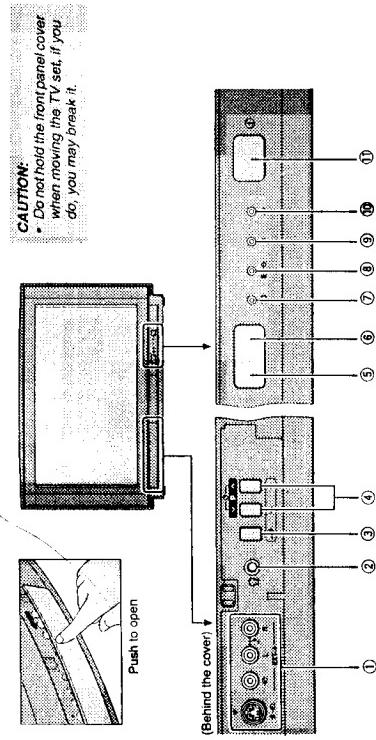
Channel Table

- The following table shows the relationship between the displayed CH channel number and the actual channel number.

CH	Channel	CH	Channel	CH	Channel	CH	Channel	CH	Channel
CH 21	E21	CH 34	E34	CH 47	E47	CH 60	E60	CH	Channel
CH 22	E22	CH 35	E35	CH 48	E48	CH 61	E61		
CH 23	E23	CH 36	E36	CH 49	E49	CH 62	E62		
CH 24	E24	CH 37	E37	CH 50	E50	CH 63	E63		
CH 25	E25	CH 38	E38	CH 51	E51	CH 64	E64		
CH 26	E26	CH 39	E39	CH 52	E52	CH 65	E65		
CH 27	E27	CH 40	E40	CH 53	E53	CH 66	E66		
CH 28	E28	CH 41	E41	CH 54	E54	CH 67	E67		
CH 29	E29	CH 42	E42	CH 55	E55	CH 68	E68		
CH 30	E30	CH 43	E43	CH 56	E56	CH 69	E69		
CH 31	E31	CH 44	E44	CH 57	E57				
CH 32	E32	CH 45	E45	CH 58	E58				
CH 33	E33	CH 46	E46	CH 59	E59				

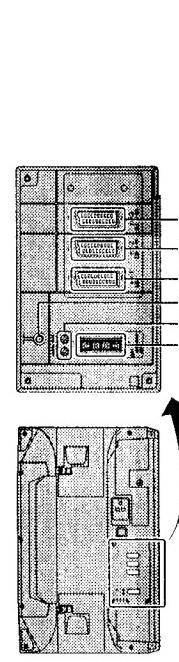
TV Buttons and Parts

Front Panel



- | | |
|------------------------------|------------------|
| ① EXT-4 terminals | pages 26, 34 |
| ② Headphone jack (mini jack) | pages 23, 25, 34 |
| ③ ▲ (Volume) button | page 9 |
| ④ P V// buttons / ↕↔ buttons | page 9 |
| ⑤ Remote control sensor | |
| ⑥ ECO sensor | |
| ⑦ 3D lamp | pages 12, 23, 25 |
| ⑧ ECO lamp | page 19 |
| ⑨ Sleep timer lamp | page 27 |
| ⑩ Power lamp | pages 5, 8 |
| ⑪ Main power button | pages 5, 8 |

Rear Panel



- | | |
|--------------------------|--------------------|
| ⑫ SURROUND REAR terminal | page 35 |
| ⑬ AUDIO OUT terminal | page 35 |
| ⑭ EXT-2 terminal | pages 4, 7, 26, 34 |
| ⑮ EXT-3 terminal | pages 26, 34 |
| ⑯ Aerial socket | page 4 |

Troubleshooting

- If the plug is disconnected from the AC socket, or the TV aerial has problems, you may think there is a problem with the TV itself. Be sure to check this following before calling for service.

IMPORTANT

- Review all instructions in this manual

Problem

Action

GENERAL

The TV cannot be turned on.

No picture or sound.

The TV shuts off automatically.

Inoperable remote control.

PICTURE

Poor color.

The ZOOM mode suddenly changes.

The picture is tilted.

Unnatural colours appear.

The SUB-picture image is ordered.

The top and bottom of the MAIN-picture or SUB-picture are missing.

The SUB-picture display suddenly disappears.

The same image is displayed in both the MAIN+picture and SUB-picture.

Lines or streaks in picture (interference).

Spots (crossstalk).

Double pictures (ghosts).

Snowy pictures (noise).

Problem	Action
■ SOUND	<p>The screen turns blue.</p> <ul style="list-style-type: none"> Is the Blue Back function set to ON? (See page 27.) Disconnect the headphones. If you want to have sound come from both the TV's speaker and headphones. See page 23. Set SPEAKER to ON. (See page 23.)
■ GENERAL	<p>The headphones volume level cannot be adjusted.</p> <ul style="list-style-type: none"> It cannot be adjusted with the Δ/∇ buttons or \triangle/∇ (volume) 4+ buttons. Adjust it with the VOLUME function in the HEADPHONE menu. (See page 23.)
■ MENU	<p>The sound from the TV does not stop even if the headphones are connected.</p> <ul style="list-style-type: none"> TV SPEAKER in the HEADPHONE menu is set to ON. Change the setting to OFF. (See page 23.)
■ PICTURE	<p>No stereo sound.</p> <ul style="list-style-type: none"> Change STEREO/Off to \odot mode. (See page 22.) Is TV SPEAKER on the Pro Logic 3D-Phonic menu or Dolby Pro Logic menu set to CENTER? Change the TV SPEAKER setting to DPLC. (See pages 24 and 36.) When the SUB-picture is in TV mode, the SUB-picture sound is mono only.
■ TELETEXT	<p>No "SUB-F" or "SUB-I" sound in a multi-sound broadcast.</p> <ul style="list-style-type: none"> Change STEREO/Off to the correct mode. (See page 22.) The multi-sound function does not work for the SUB-picture sound. Dolby Pro Logic Surround and Pro Logic 3D-Phonic work properly only with Dolby Surround encoded programmes. Functions other than Hyper Sound and the Headphone surround functions work properly only with stereo programmes. Hyper Sound works properly only with mono programmes. None of the surround sound functions work for the SUB-picture sound.
■ THE POWER	<p>Surround function does not work.</p> <ul style="list-style-type: none"> Are you listening to the SUB-picture sound? The Power Bass function does not work for the SUB-picture sound. Tune to a channel that has teletext. (See page 16.) Videotaping teletext is not recommended as it may not record correctly.
■ THE CURRENT TIME	<p>The current time is not displayed.</p> <ul style="list-style-type: none"> Tune to a channel that has teletext. (See page 16.)
<p>The following are normal and are NOT malfunctions:</p> <ul style="list-style-type: none"> When touching the picture tube surface, you might feel a slight charge of static electricity. This is because the picture tube contains static electricity; it does not affect the human body. The TV may emit a crackling sound due to a sudden change in temperature. There is no problem unless the picture or sound is abnormal. When a still, bright image of a white dress, for example appears on the screen, the image may be coloured. This problem occurs in all picture tubes, and as the bright image disappears, the colour also disappears. This TV is equipped with a microchip that may operate abnormally due to interference from external components. If this happens, turn off the main power and disconnect the power cord from the AC socket. Then reconnect the power cord to AC socket and turn on the main power again. 	

Specifications

Item	Model	AV-32WFP1EK
TV RF systems	CCIR I	
Colour systems	PAL (NTSC 3.58 / 4.43 MHz only in EXT modes)	
Channels	E21-E69	
Sound-multiplex systems	NICAM (I) system	
Teletext systems	Fastext (United Kingdom system) / WST (standard system)	
Power requirements	AC 220 – 240 V, 50 Hz	
Power consumption	Maximum 290 W, Average 164 W, Standby 1.2 W	
Picture tube size	Visible area 76 cm (measured diagonally)	
Audio output	Rated Power output: 20 W + 20 W + 5 W	
Speakers	10 cm round × 2, 3.5 cm round × 2, (10 cm × 3 cm) oval × 1	
External input / output	EXT-1, EXT-2, EXT-3	21-pin Euroconnector (SCART)
	EXT-4	VIDEO IN (RCA) AUDIO L / R IN (RCA) S-VIDEO IN (Mini Din 4-pin)
	AUDIO OUT	(Variable out (0-1 Vrms), low impedance) FRONT L/R output (RCA)
	SURROUND REAR	Speaker terminals for external surround speakers (Impedance 8 ohm) only. Rated power output: 7.5 W + 7.5W
	Headphone jack (stereo mini jack, dia. 3.5 mm)	
Dimensions (W × H × D)	855 mm × 550 mm × 568 mm	
Weight	59.5 kg	
Accessories	Remote control unit RM-C786 × 1 AAA (R03) dry cell battery × 2	

Design and specifications subject to change without notice.

Pictures displayed on the screen using this TV's image-processing functions should not be shown for any commercial or demonstration purpose in public places (tearooms and halls in hotels, etc.) without the consent of the owners of copyright of the original picture sources, as this constitutes an infringement of copyright.



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CIRCUIT DIAGRAMS

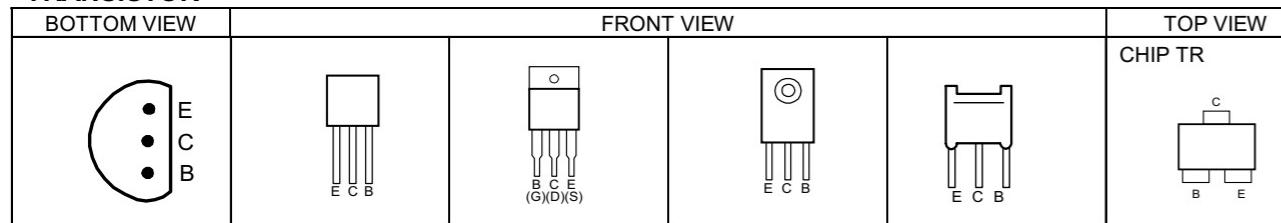
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PATTERN DIAGRAMS

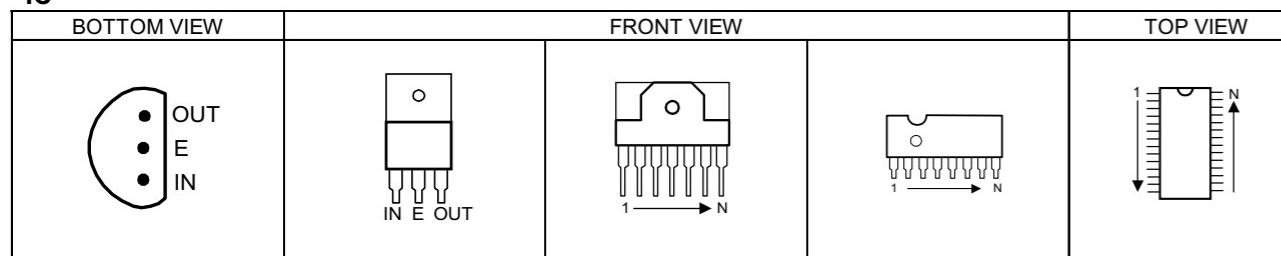
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SEMICONDUCTOR SHAPES

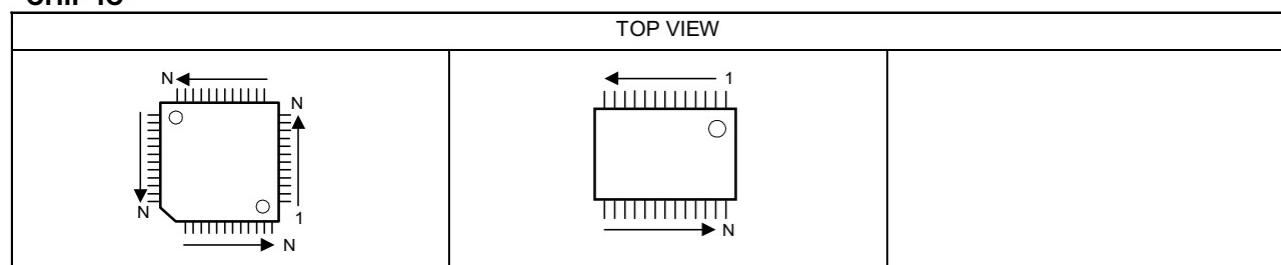
TRANSISTOR



IC



CHIP IC



AV-32WFP1EU_(A)

AV-32WFP1EUI_(A)

AV-32WFP1EK_(A)

■ NOTE ON USING CIRCUIT DIAGRAMS

1. SAFETY

The components identified by the Δ symbol and shading are critical for safety. For continued safety replace safety critical components only with manufacturer's recommended parts.

2. SPECIFIED VOLTAGE AND WAVEFORM VALUES

The voltage and waveform values have been measured under the following conditions.

- (1) Input signal :PAL Colour bar signal
- (2) Setting positions of each knob/button and variable resistor :Original setting position when shipped
- (3) Internal resistance of tester :DC 20k Ω /V
- (4) Oscilloscope sweeping time :H \Rightarrow 20 μ s/div
:V \Rightarrow 5mS/div
:Others \Rightarrow Sweeping time is specified
- (5) Voltage values :All DC voltage values
* Since the voltage values of signal circuit vary to some extent according to adjustments, use them as reference values.

3. INDICATION OF PARTS SYMBOL [EXAMPLE]

- In the PW board :R1209→R209

4. INDICATIONS ON THE CIRCUIT DIAGRAM

(1) Resistors

● Resistance value

- No unit :[Ω]
- K :[K Ω]
- M :[M Ω]

● Rated allowable power

- No indication :1/10[W]
- Others :As specified

● Type

- No indication :Carbon resistor
- OMR :Oxide metal film resistor
- MFR :Metal film resistor
- MPR :Metal plate resistor
- UNFR :Uninflammable resistor
- FR :Fusible resistor

* Composition resistor 1/2 [W] is specified as 1/2S or Comp.

(2) Capacitors

● Capacitance value

- 1 or higher :[pF]
- less than 1 :[μ F]

● Withstand voltage

- No indication :DC50[V]
- AC indicated :AC withstand voltage [V]
- Others :DC withstand voltage [V]

* Electrolytic Capacitors

47/50[Example]:Capacitance value [μ F]/withstand voltage[V]

● Type	
No indication	:Ceramic capacitor
MY	:Mylar capacitor
MM	:Metallized mylar capacitor
PP	:Polypropylene capacitor
MPP	:Metallized polypropylene capacitor
MF	:Metallized film capacitor
TF	:Thin film capacitor
BP	:Bipolar electrolytic capacitor
TAN	:Tantalum capacitor
(3) Coils	
No unit	:[μ H]
Others	:As specified
(4) Power Supply	
	:B1
	:B2
	:9V
	:5V

* Respective voltage values are indicated

(5) Test point	
	:Test point
	:Only test point display
(6) Connecting method	
	:Connector
	:Wrapping or soldering
	:Receptacle

(7) Ground symbol	
	:LIVE side ground
	:ISOLATED(NEUTRAL) side ground
	:EARTH ground
	:DIGITAL ground

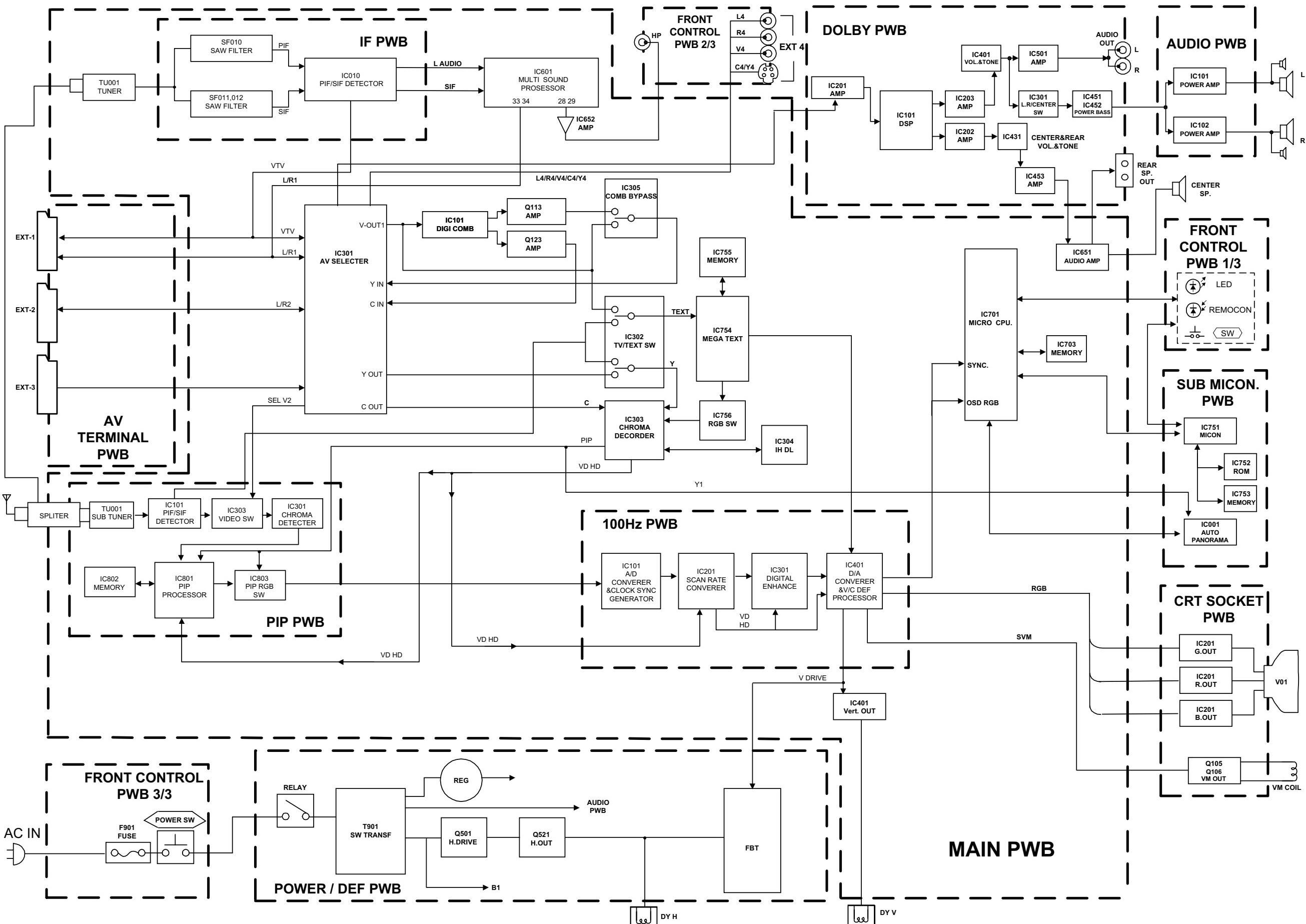
5. NOTE FOR REPAIRING SERVICE

This model's power circuit is partly different in the GND. The difference of the GND is shown by the LIVE : (\perp) side GND and the ISOLATED(NEUTRAL) : ($\not\perp$) side GND. Therefore, care must be taken for the following points.

- (1) Do not touch the LIVE side GND or the LIVE side GND and the ISOLATED(NEUTRAL) side GND simultaneously. If the above caution is not respected, an electric shock may be caused. Therefore, make sure that the power cord is surely removed from the receptacle when, for example, the chassis is pulled out.
- (2) Do not short between the LIVE side GND and the ISOLATED(NEUTRAL) side GND or never measure with a measuring apparatus (oscilloscope, etc.) the LIVE side GND and ISOLATED(NEUTRAL) side GND at the same time. If the above precaution is not respected, a fuse or any parts will be broken.

◇ Since the circuit diagram is a standard one, the circuit and circuit constants may be subject to change for improvement without any notice.

BLOCK DIAGRAM

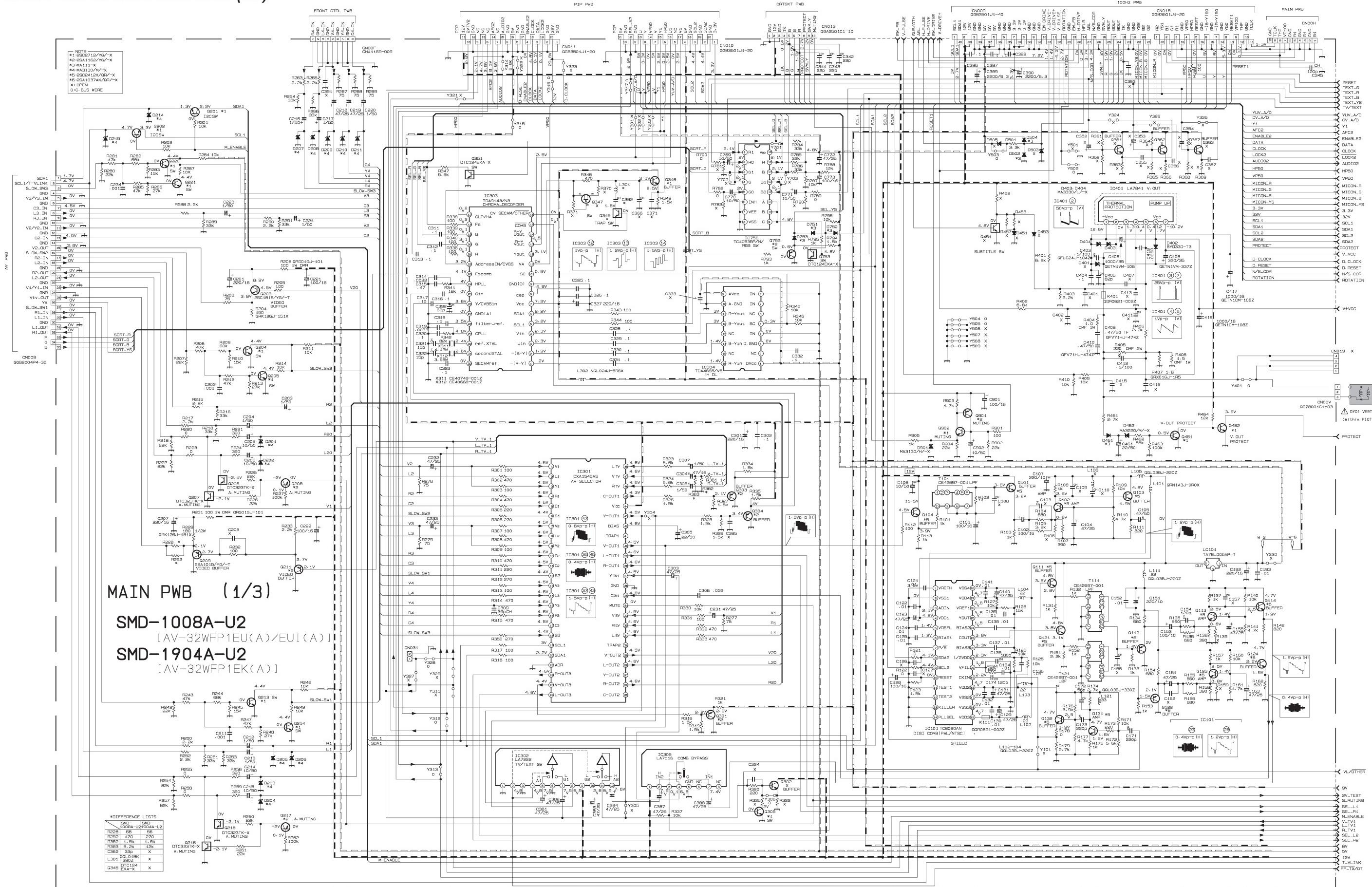


CIRCUIT DIAGRAMS

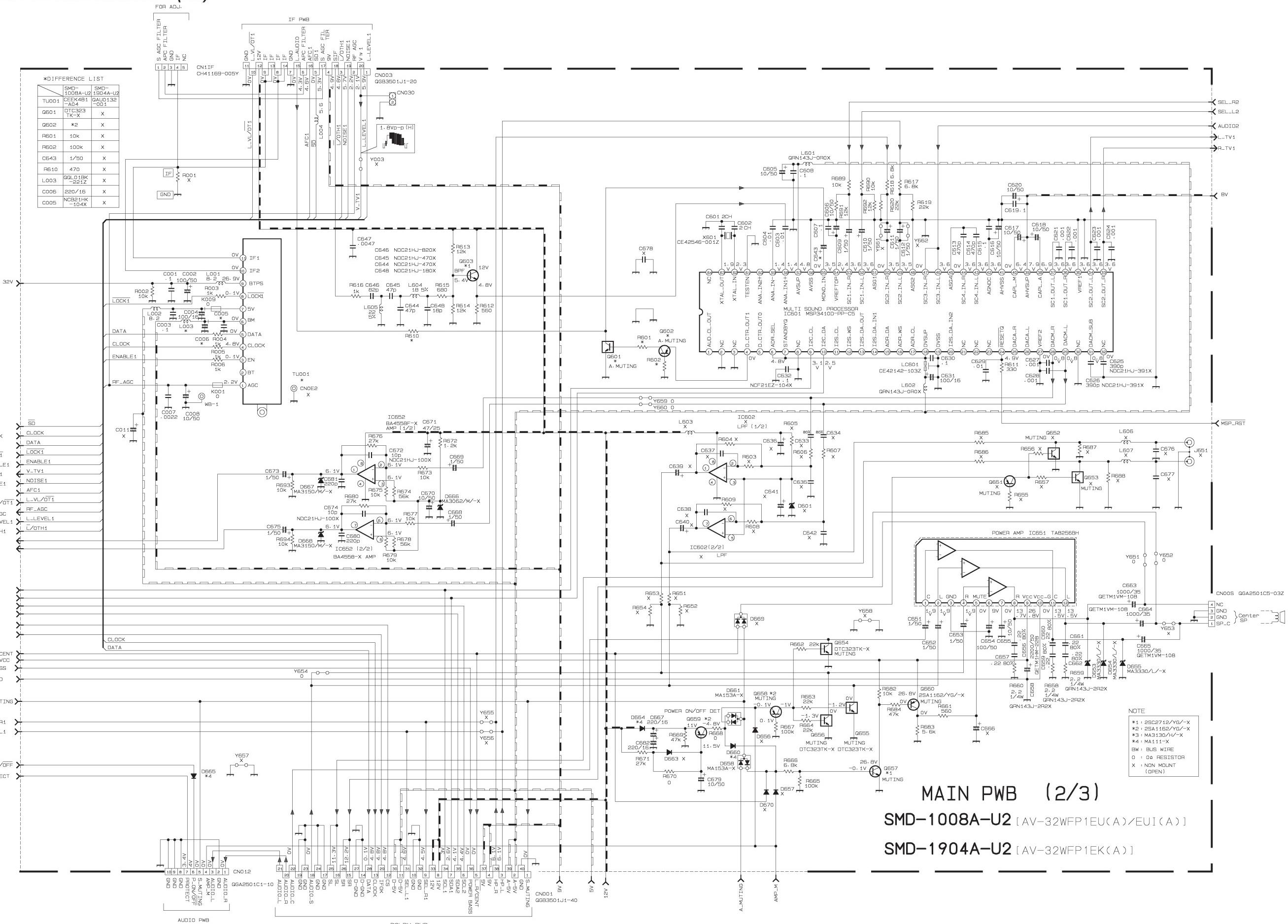
MAIN PWB CIRCUIT DIAGRAM (1/3)

AV-32WFP1EU
AV-32WFP1EUI
AV-32WFP1EK

AV-32WFP1EU
AV-32WFP1EUI
AV-32WEP1EK



MAIN PWB CIRCUIT DIAGRAM (2/3)

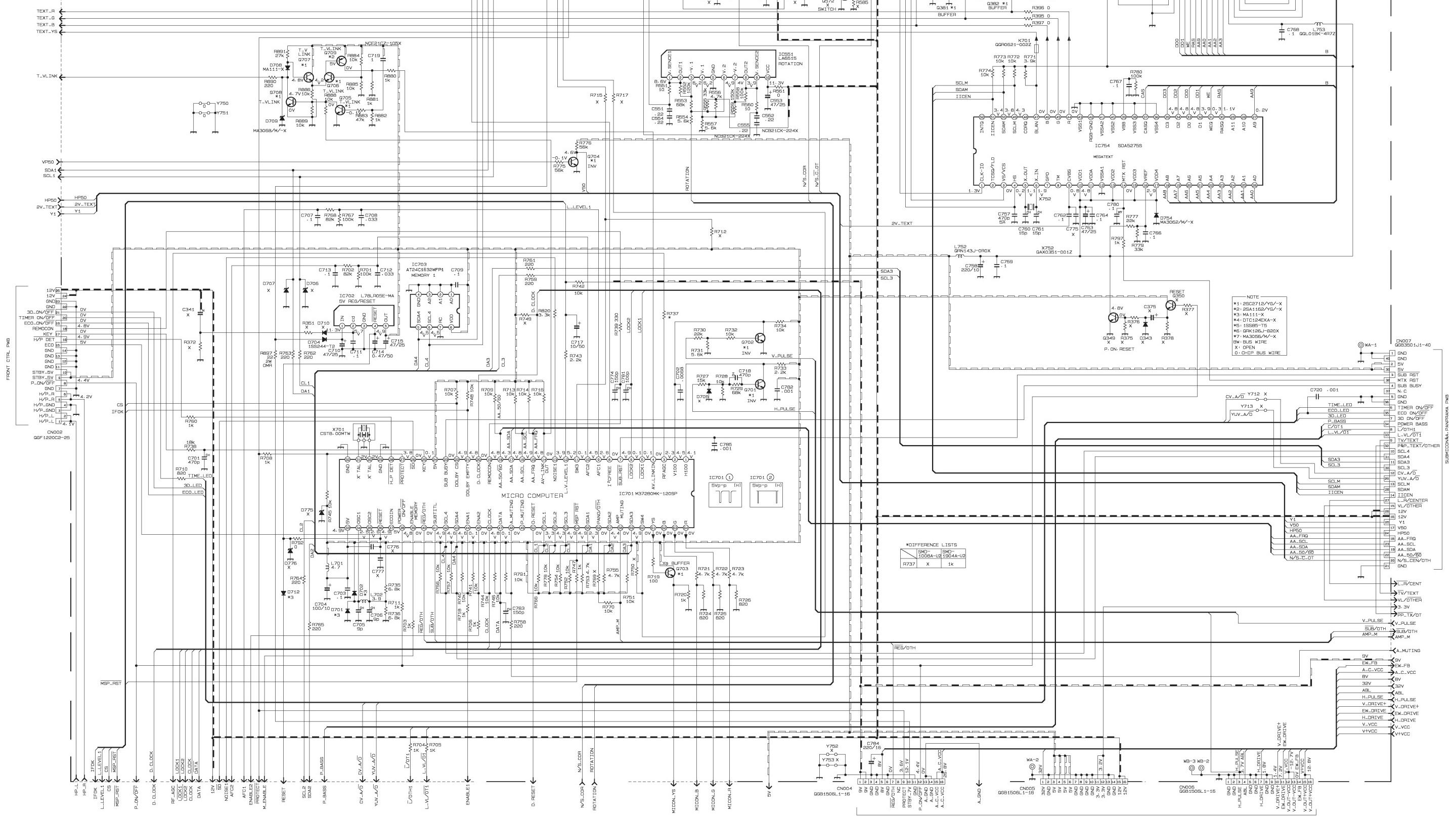


MAIN PWB CIRCUIT DIAGRAM (3/3)

AV-32WFP1EU
AV-32WFP1EUI
AV-32WFP1EK

AV-32WFP1EU
AV-32WFP1EUI
AV-32WFP1EK

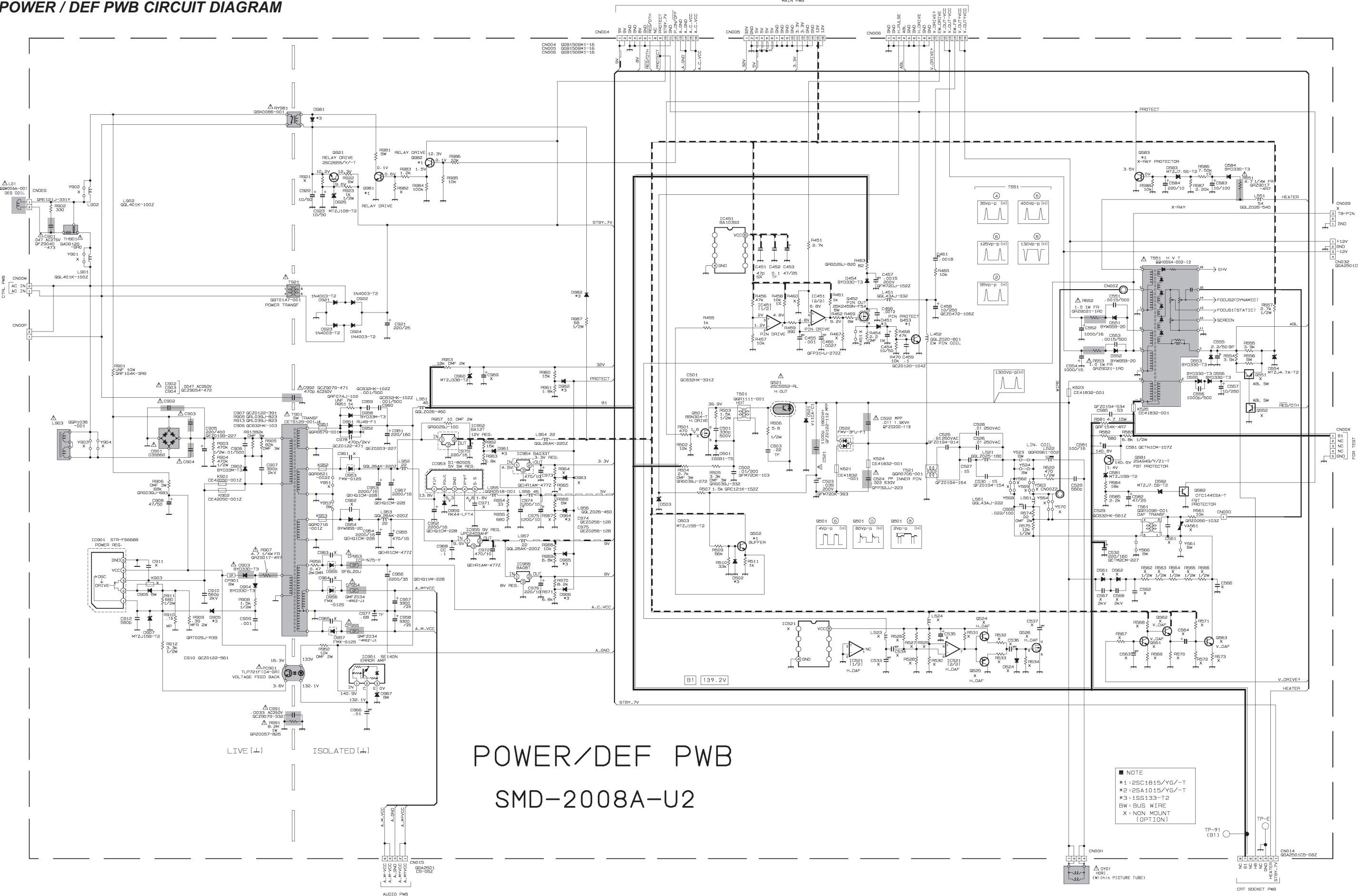
MAIN PWB (3/3)
SMD-1008A-U2 [AV-32WFP1EU(A)/EUI(A)]
SMD-1904A-U2 [AV-32WFP1EK(A)]



POWER / DEF PWB CIRCUIT DIAGRAM

AV-32WFP1EU
AV-32WFP1EUI
AV-32WFP1EK

AV-32WFP1EU
AV-32WFP1EUI
AV-32WFP1EK



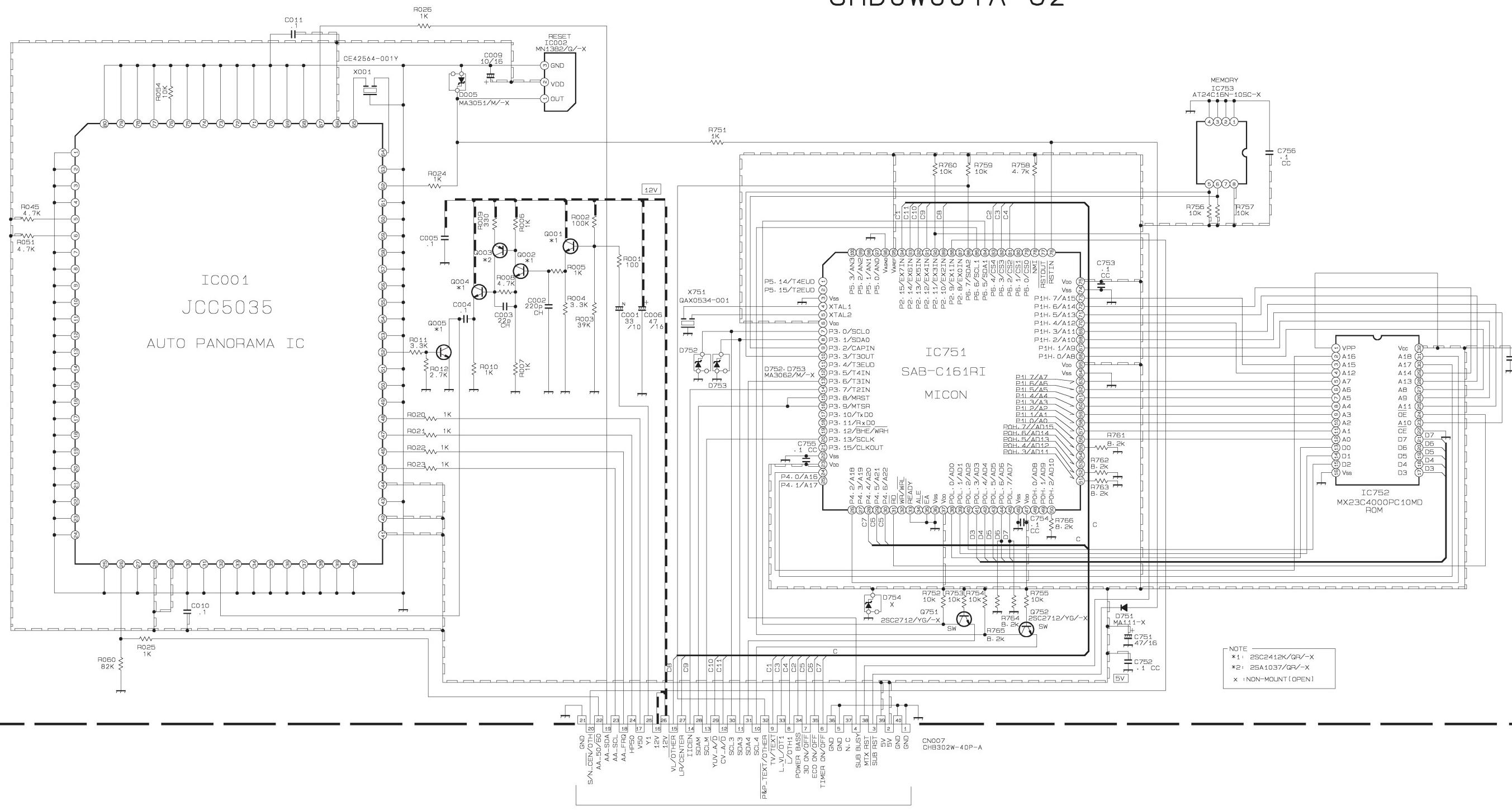
POWER/DEF PWB
SMD-2008A-U2

SUB MICON & AUTO PANORAMA PWB CIRCUIT DIAGRAM

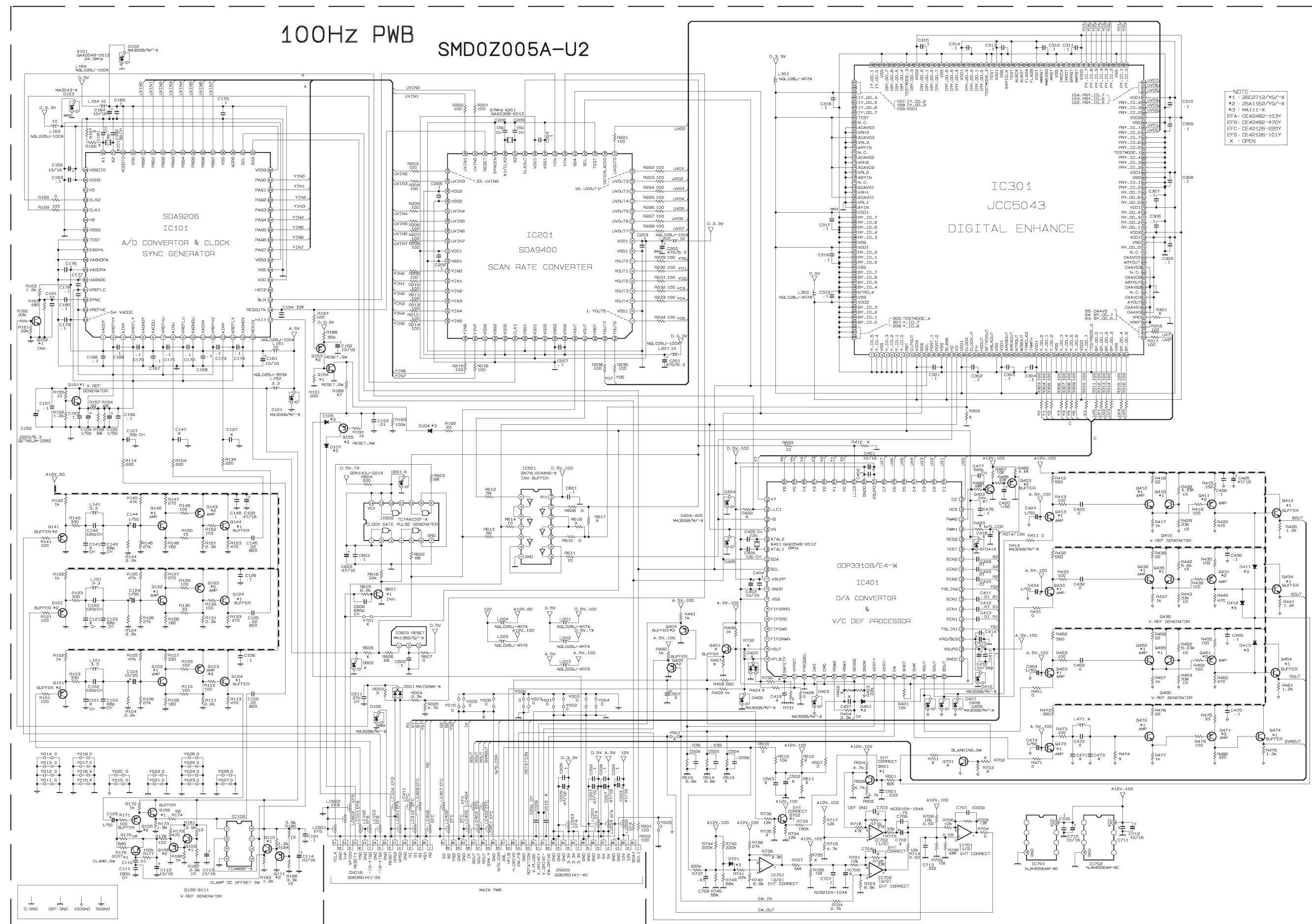
AV-32WFP1EU
AV-32WFP1EUI
AV-32WFP1EK

AV-32WFP1EU
AV-32WFP1EUI
AV-32WFP1EK

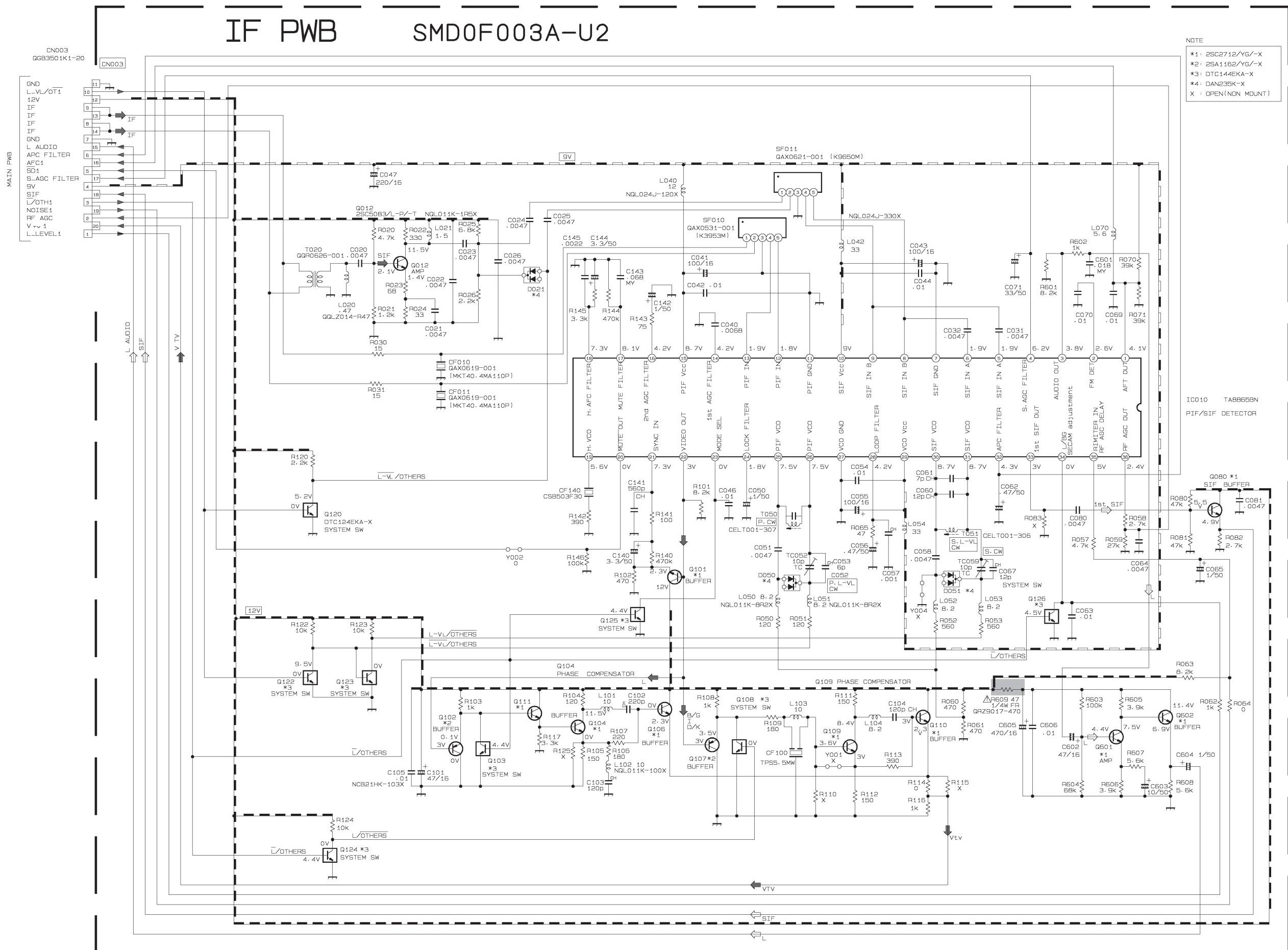
SUB MICON & AUTO PANORAMA PWB
SMD0W001A-U2



100Hz PWB CIRCUIT DIAGRAM



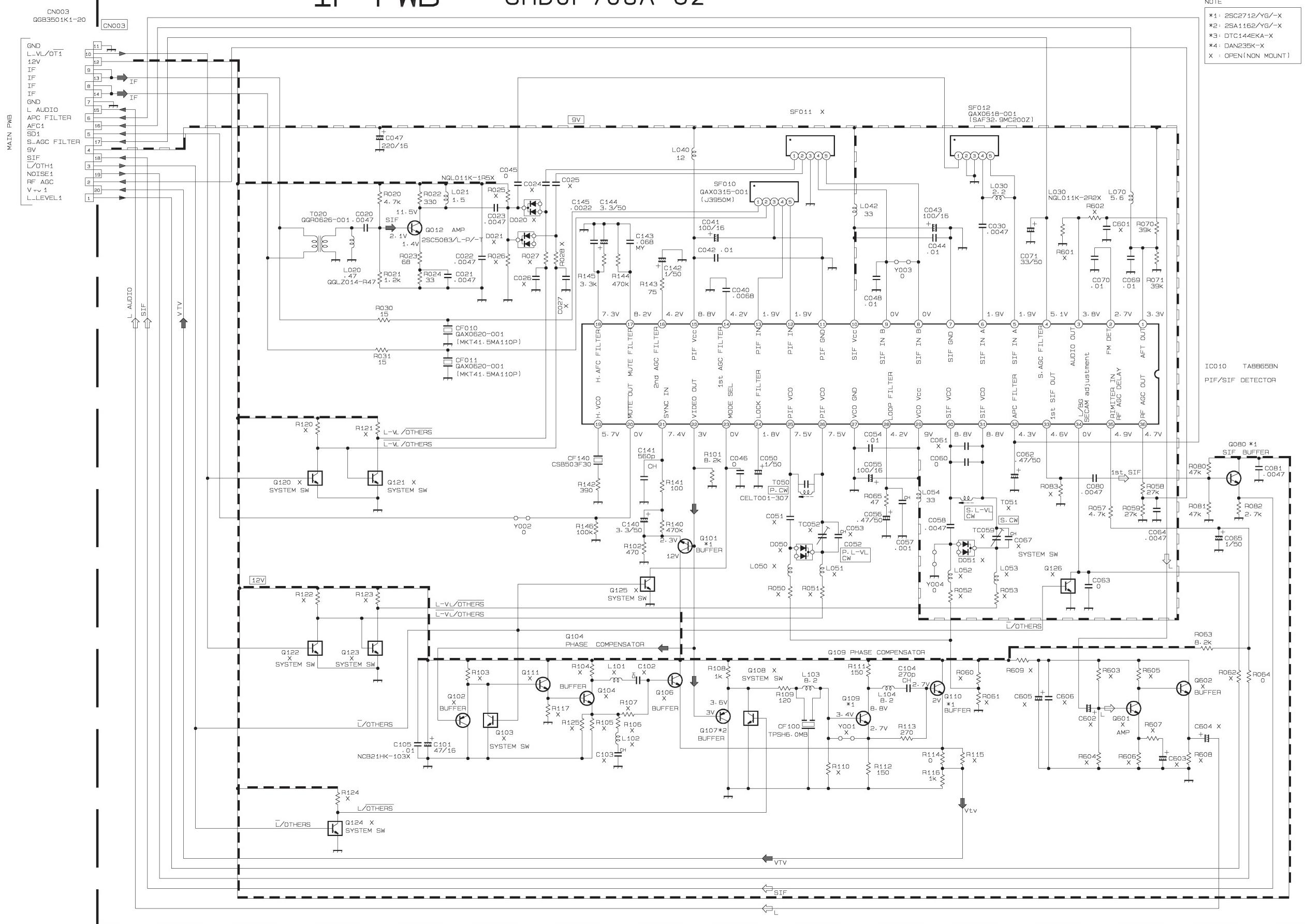
IF PWB CIRCUIT DIAGRAM [AV-32WFP1EU(A) / AV-32WFP1EUI(A)]



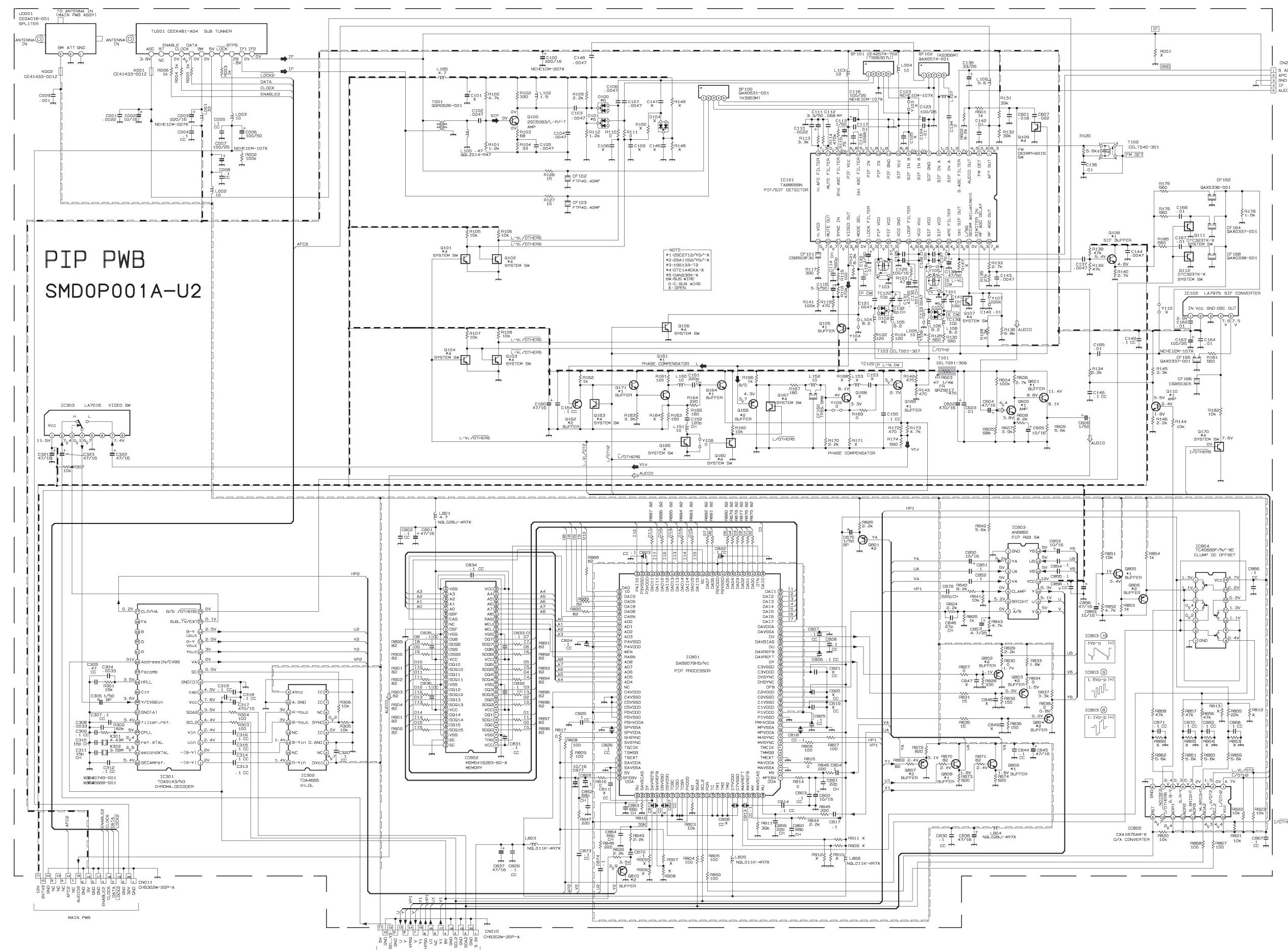
IF PWB CIRCUIT DIAGRAM [AV-32WFP1EK(A)]

IF PWB

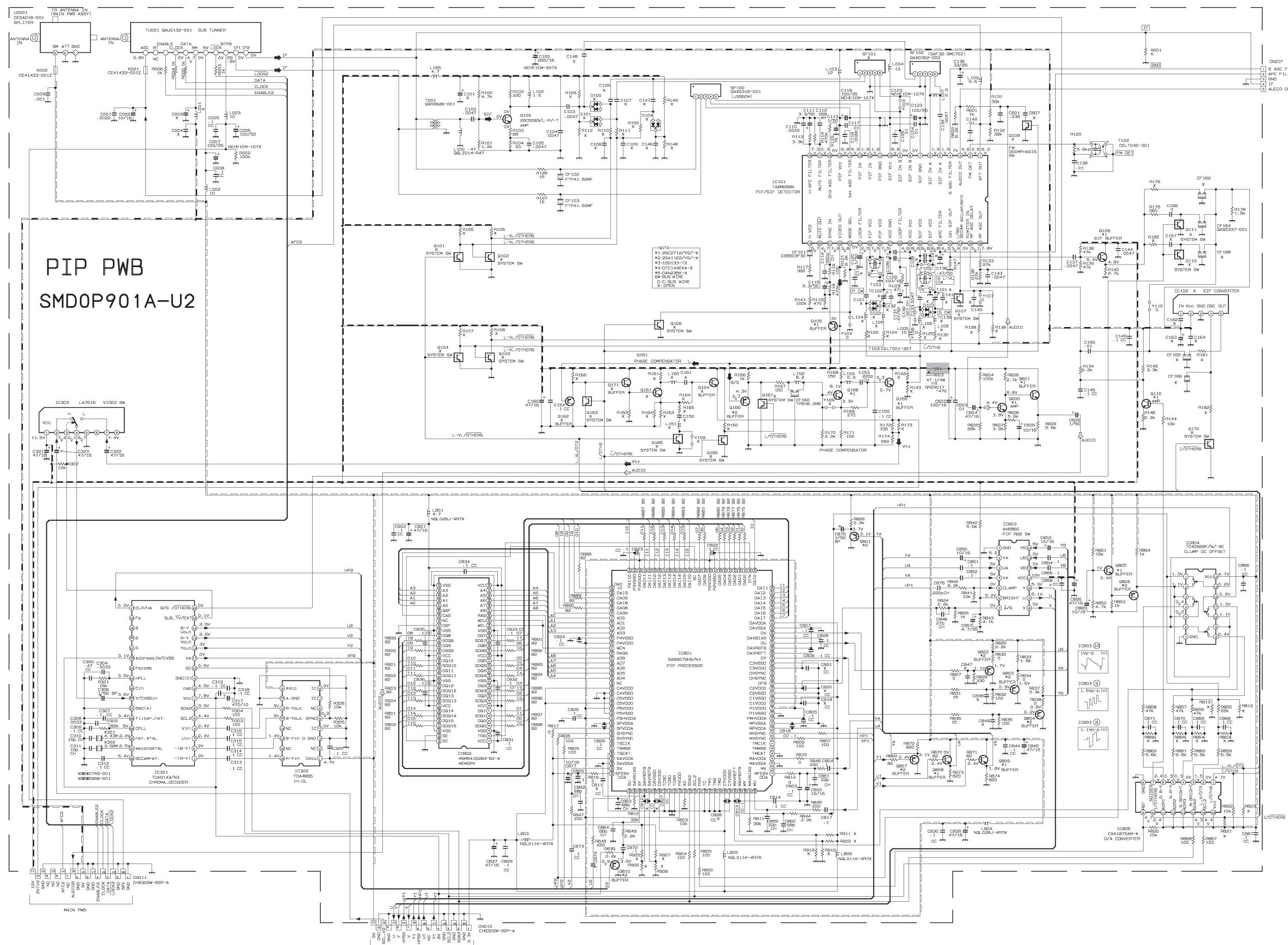
SMD0F903A-U2



PIP PWB CIRCUIT DIAGRAM [AV-32WFP1EU_(A) / AV-32WFP1EUI_(A)]



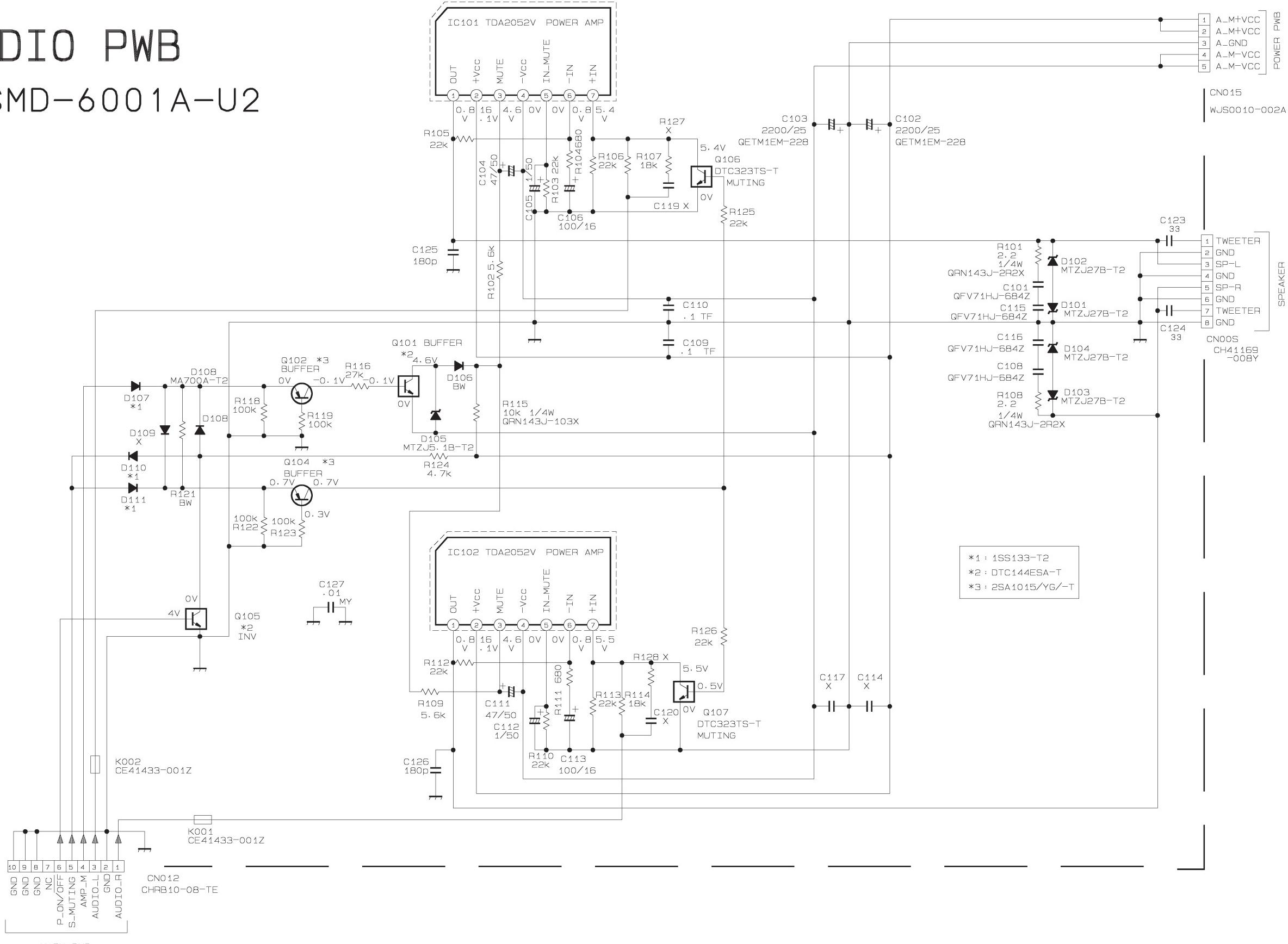
PIP PWB CIRCUIT DIAGRAM [AV-32WFP1EK(A)]



AUDIO PWB CIRCUIT DIAGRAM

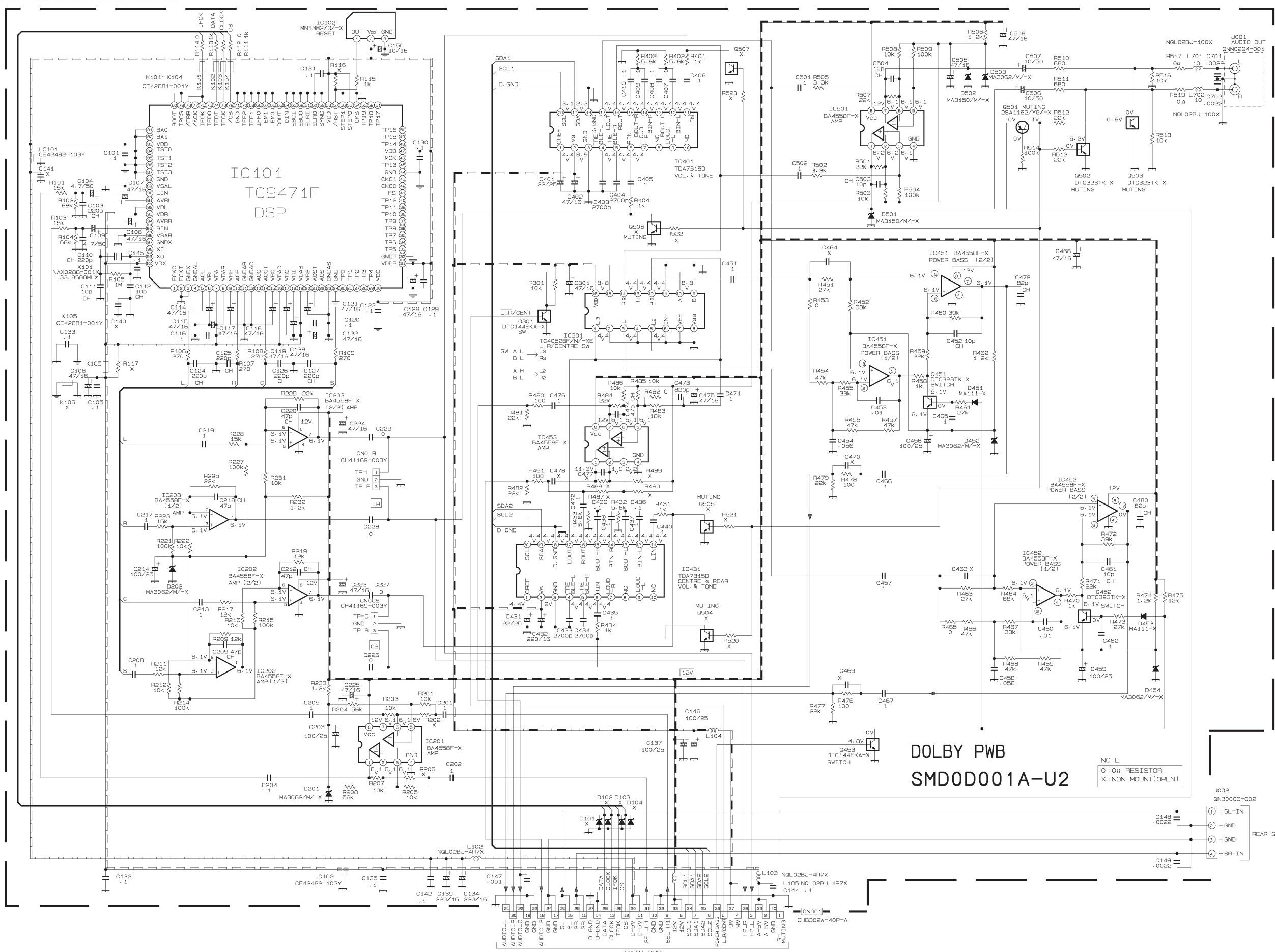
AUDIO PWB

SMD-6001A-U2



DOLBY PWB CIRCUIT DIAGRAM

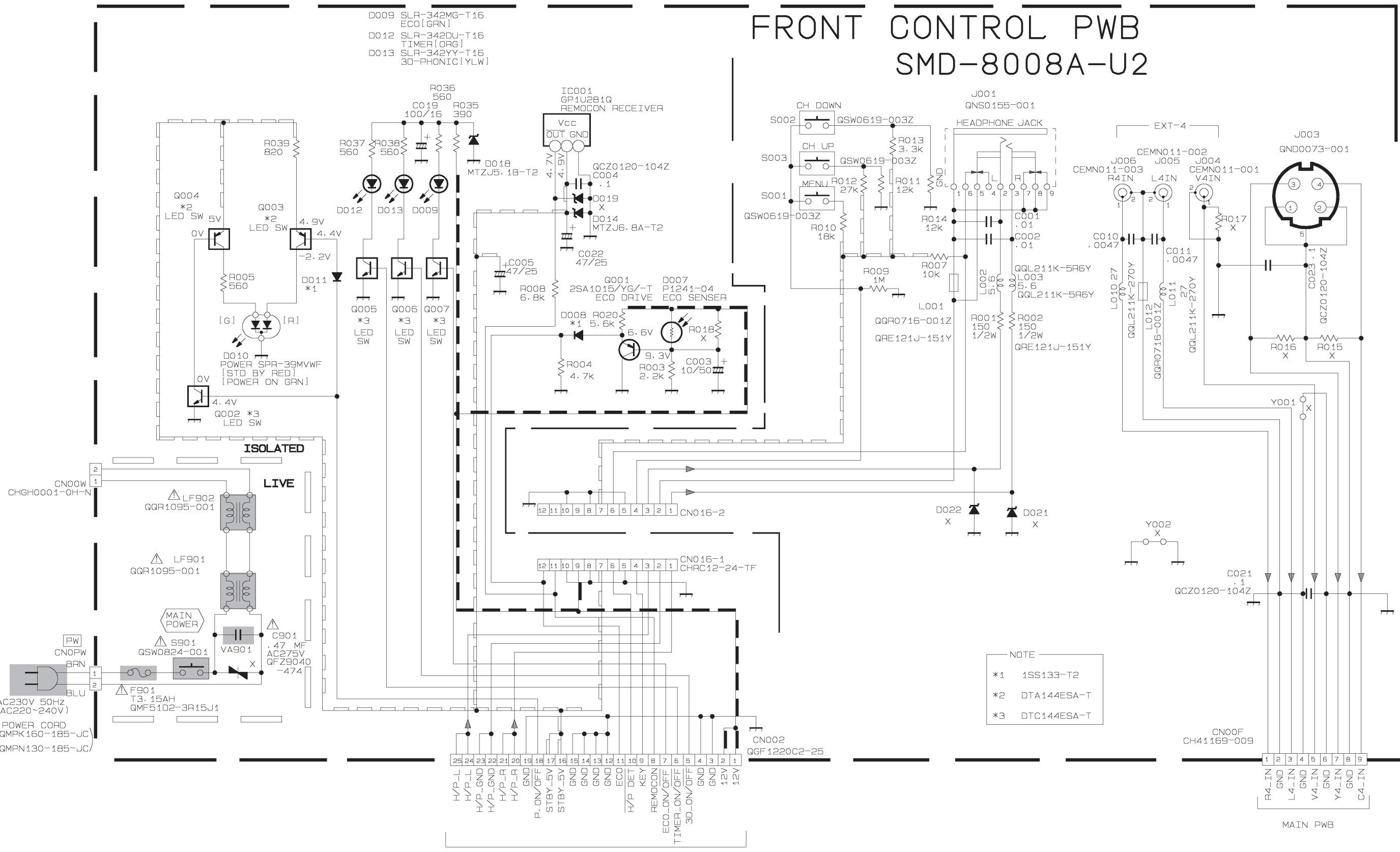
AV-32WFP1EU AV-32WFP1E
AV-32WFP1EUI AV-32WFP1E
AV-32WFP1EK AV-32WFP1E



FRONT CONTROL PWB CIRCUIT DIAGRAM

AV-32WFP1EU
AV-32WFP1EUI
AV-32WFP1EK

AV-32WFP1EU
AV-32WFP1EUI
AV-32WFP1EK

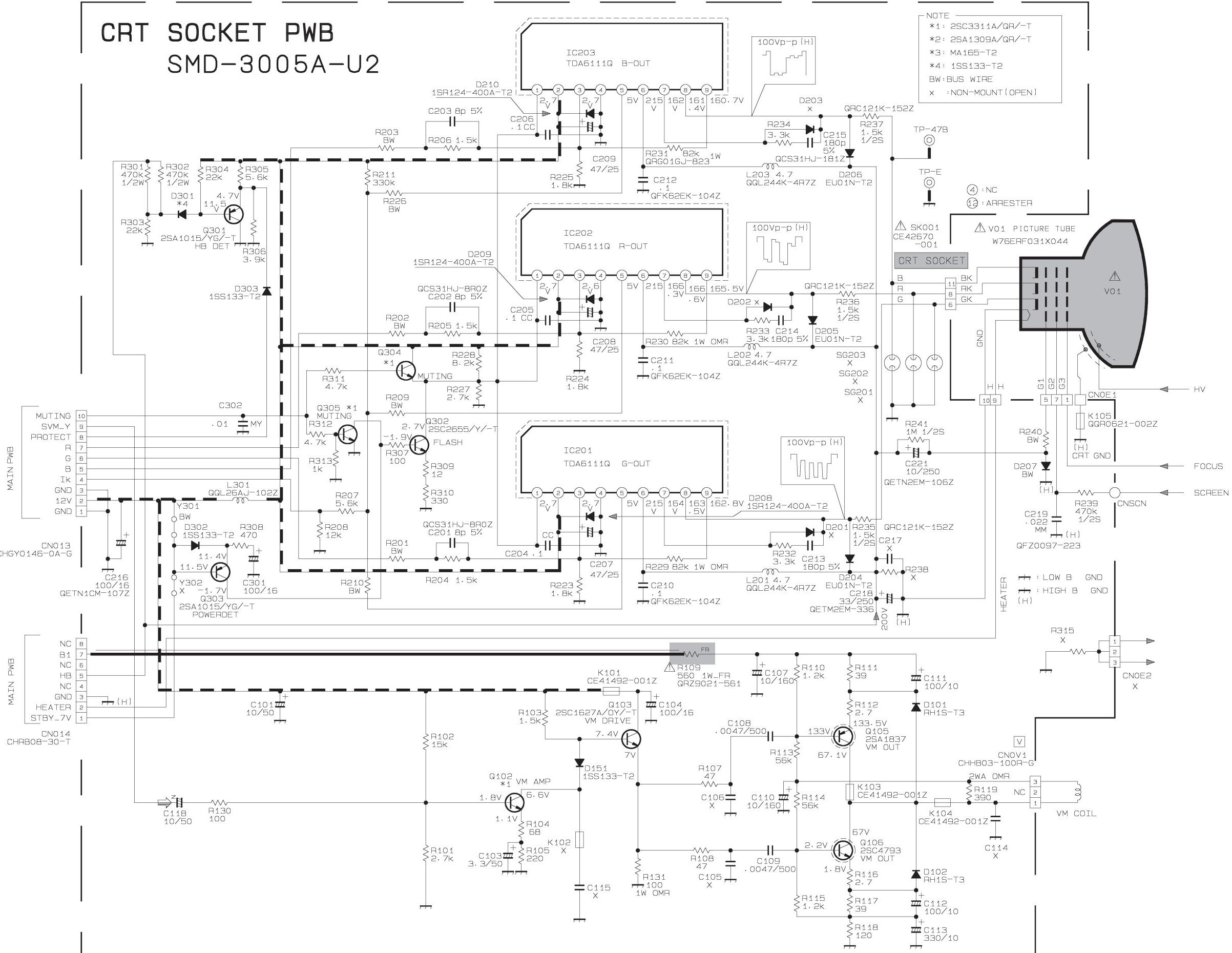


CRT SOCKET PWB CIRCUIT DIAGRAM

AV-32WFP1EU
AV-32WFP1EUI
AV-32WFP1EK

AV-32WFP1EU
AV-32WFP1EUI
AV-32WFP1EK

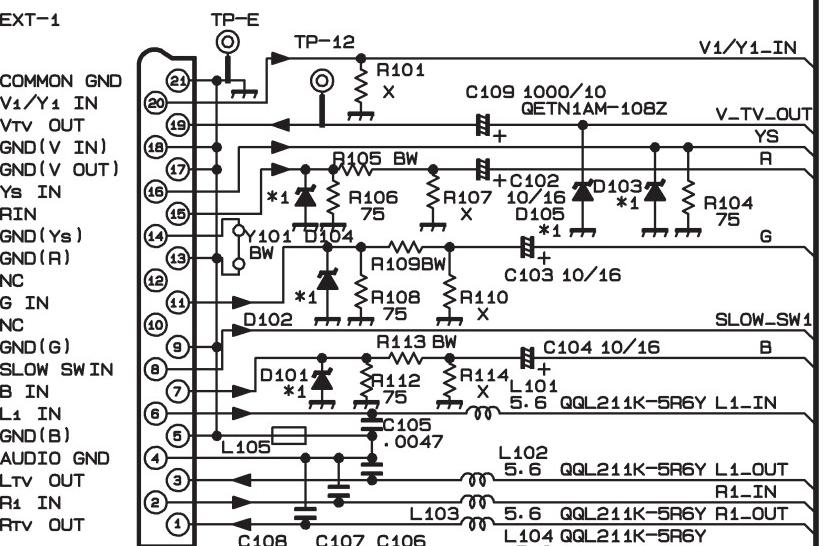
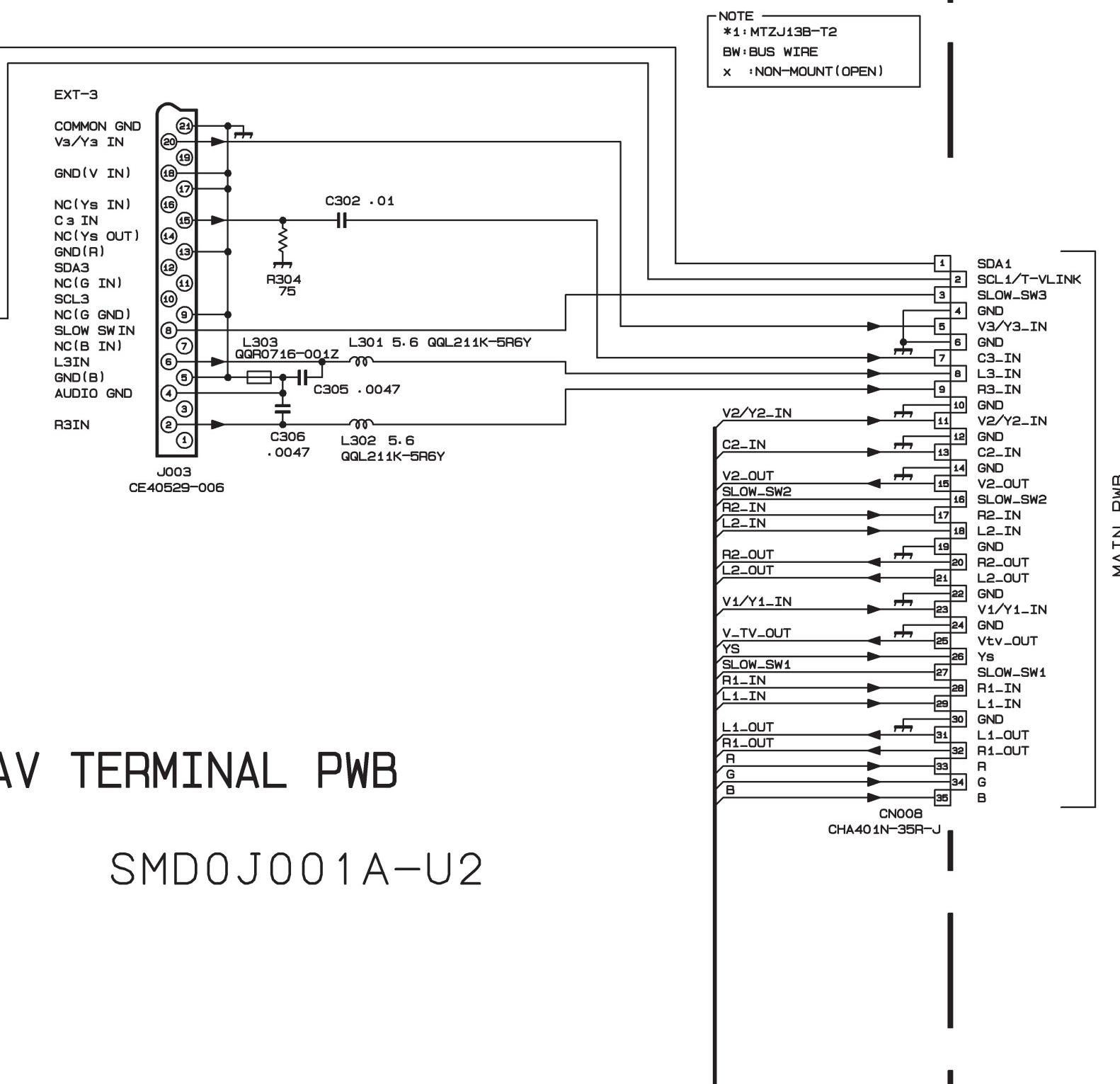
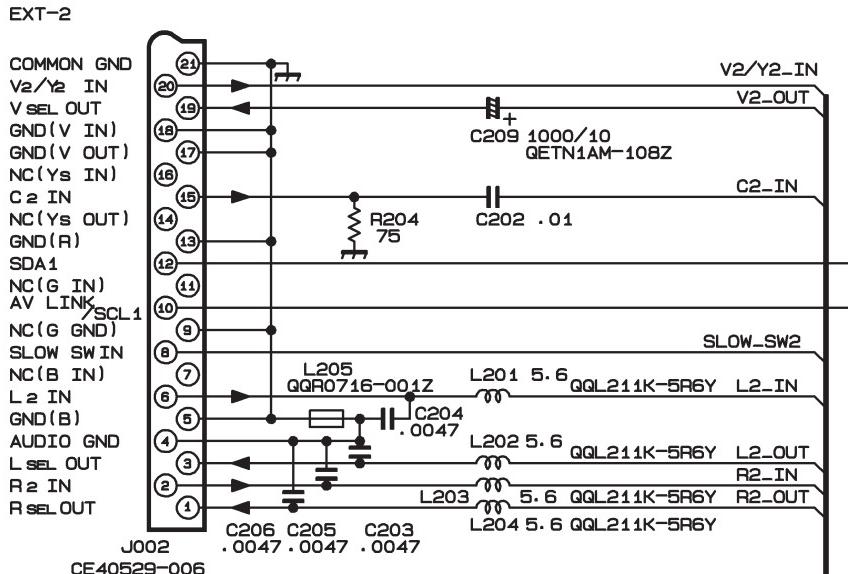
CRT SOCKET PWB
SMD-3005A-U2



AV TERMINAL PWB CIRCUIT DIAGRAM

AV-32WFP1EU
AV-32WFP1EUI
AV-32WFP1EK

AV-32WFP1EU
AV-32WFP1EUI
AV-32WFP1EK

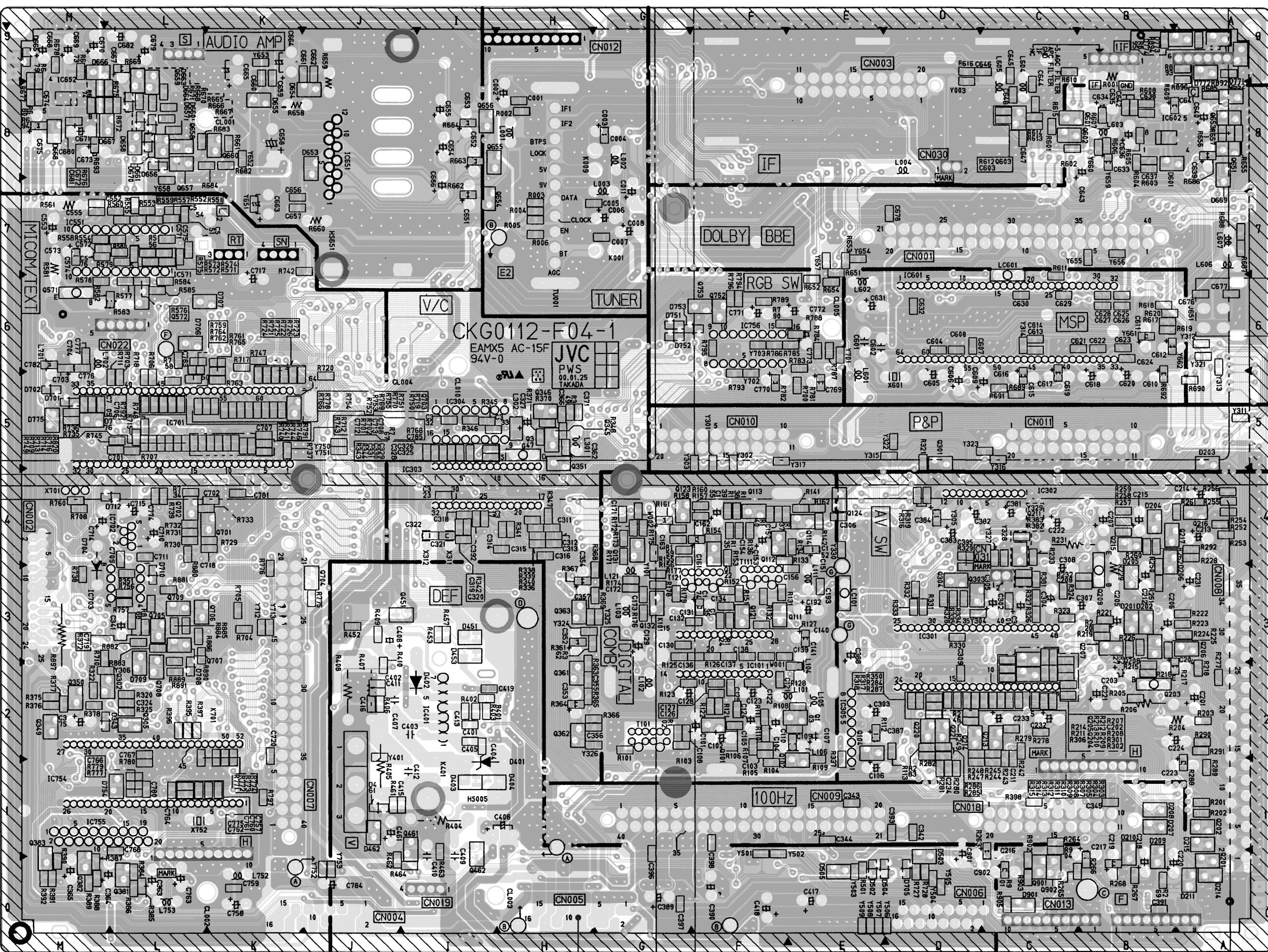


AV-32WFP1EU
AV-32WFP1EUI
AV-32WFP1EK

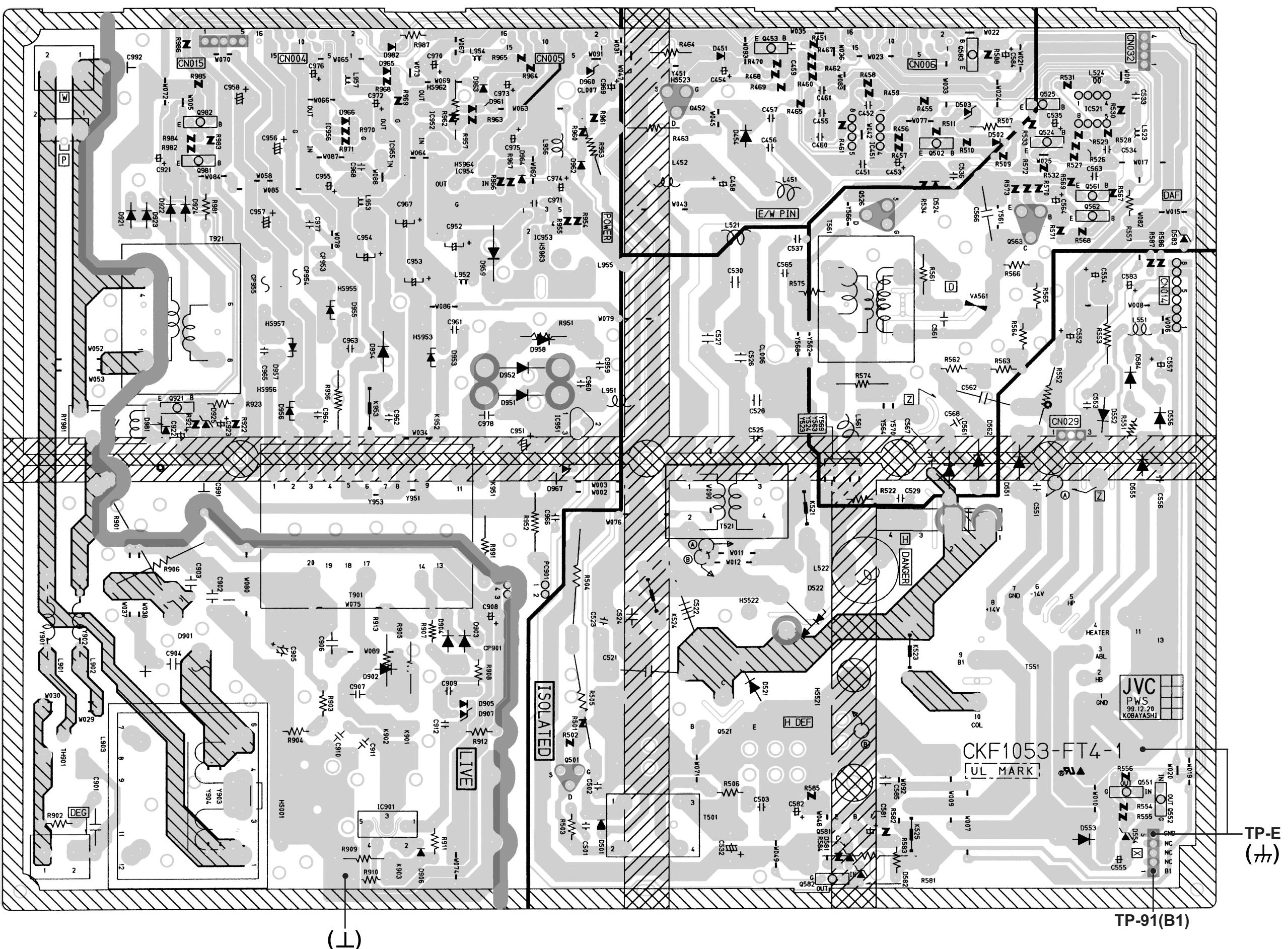
AV-32WFP1EU
AV-32WFP1EUI
AV-32WFP1EK

PATTERN DIAGRAMS MAIN PWB PATTERN

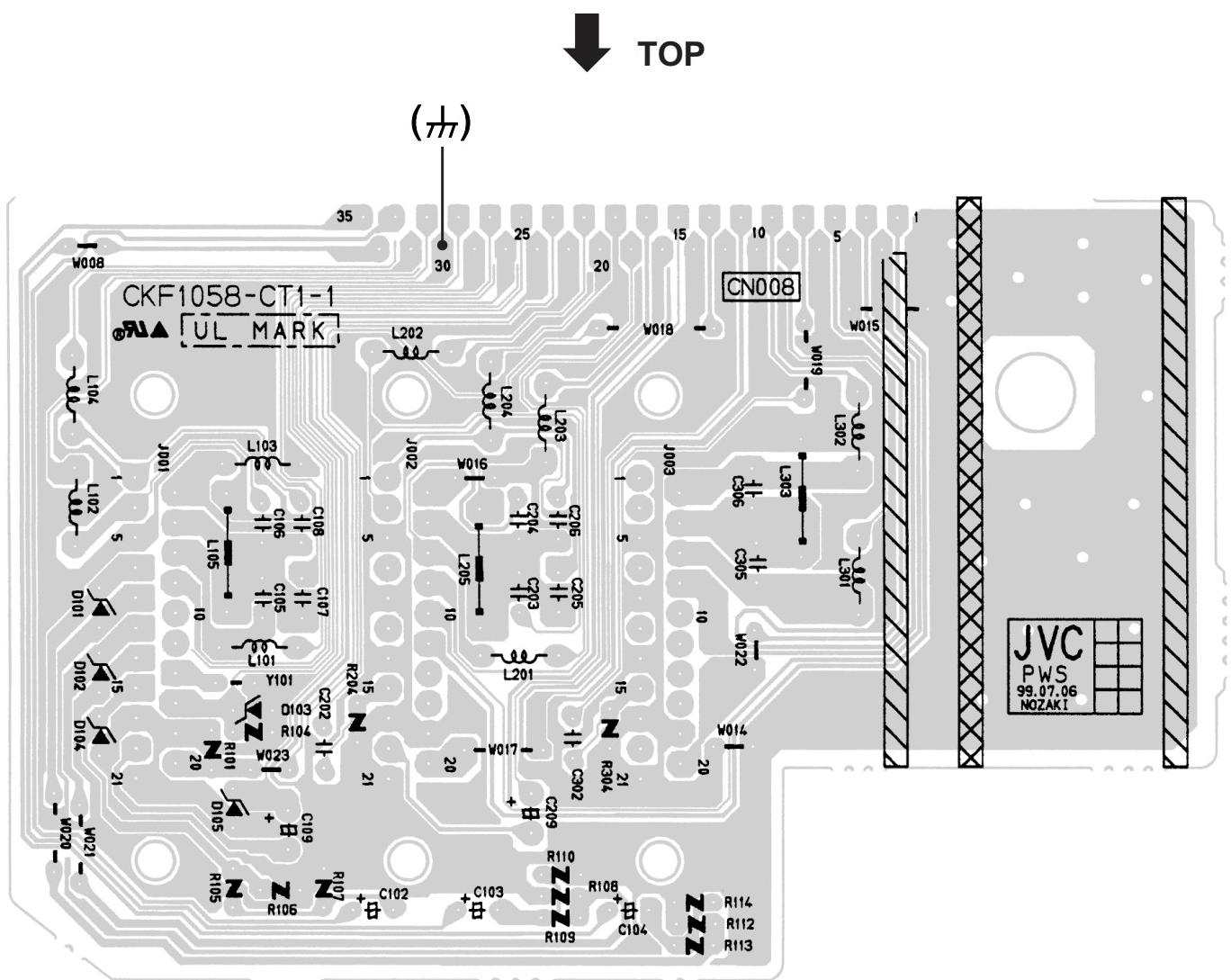
FRONT



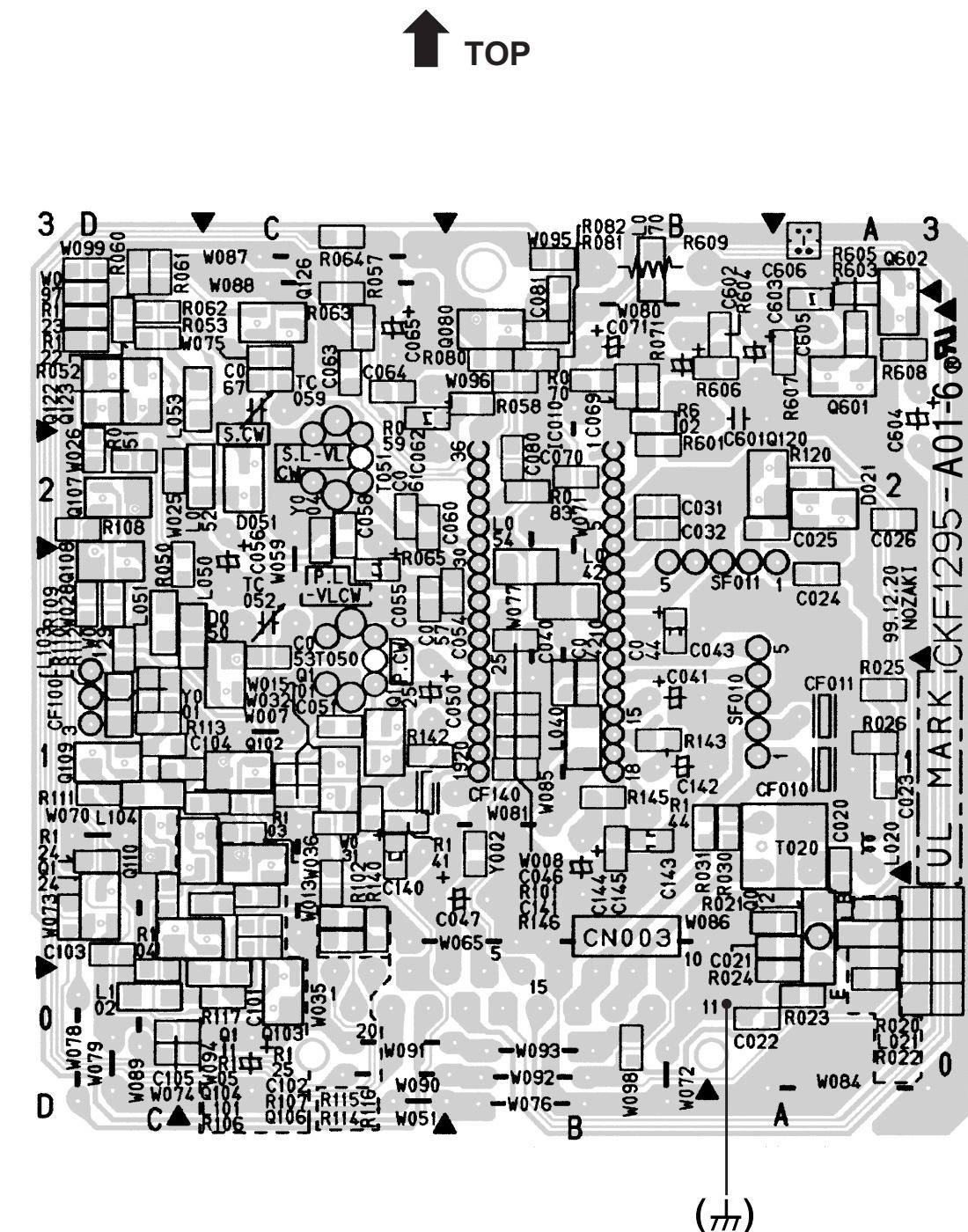
POWER / DEF PWB PATTERN



AV TERMINAL PWB PATTERN



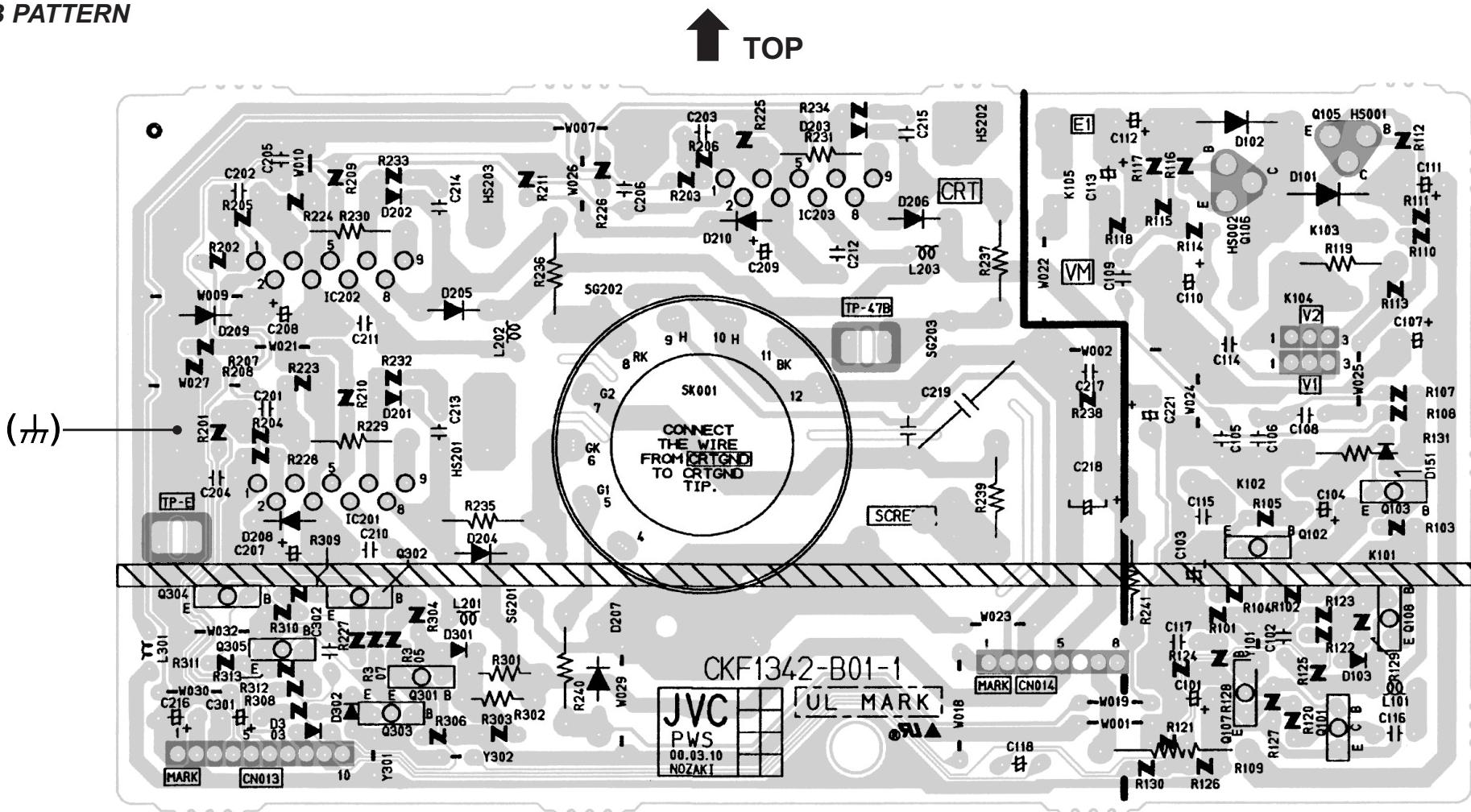
IF PWB PATTERN



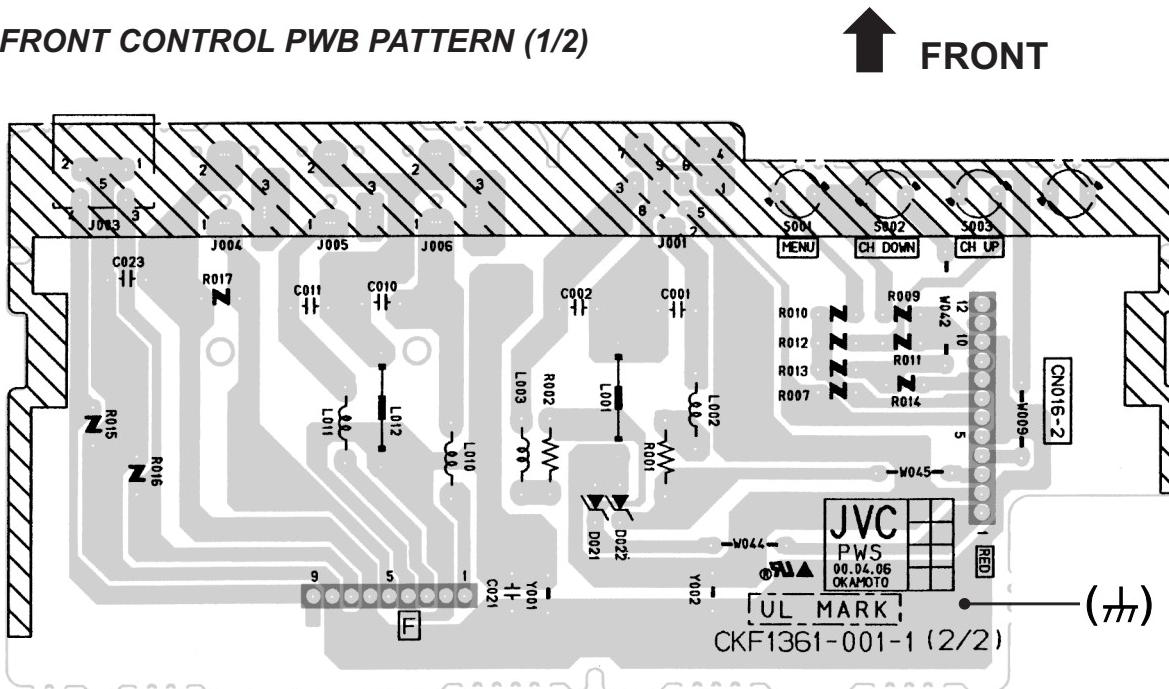
AV-32WFP1EU
AV-32WFP1EUI
AV-32WFP1EK

AV-32WFP1EU
AV-32WFP1EUI
AV-32WFP1EK

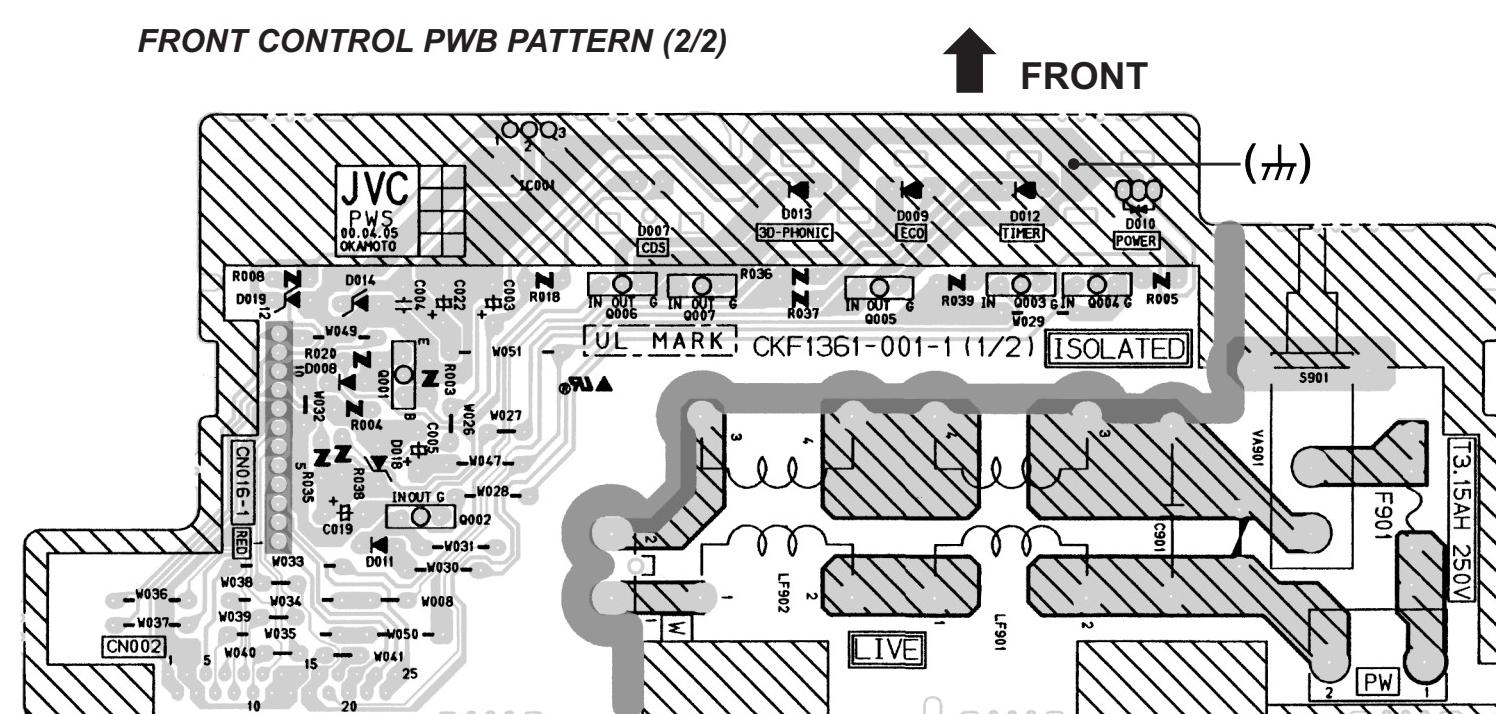
CRT SOCKET PWB PATTERN



FRONT CONTROL PWB PATTERN (1/2)

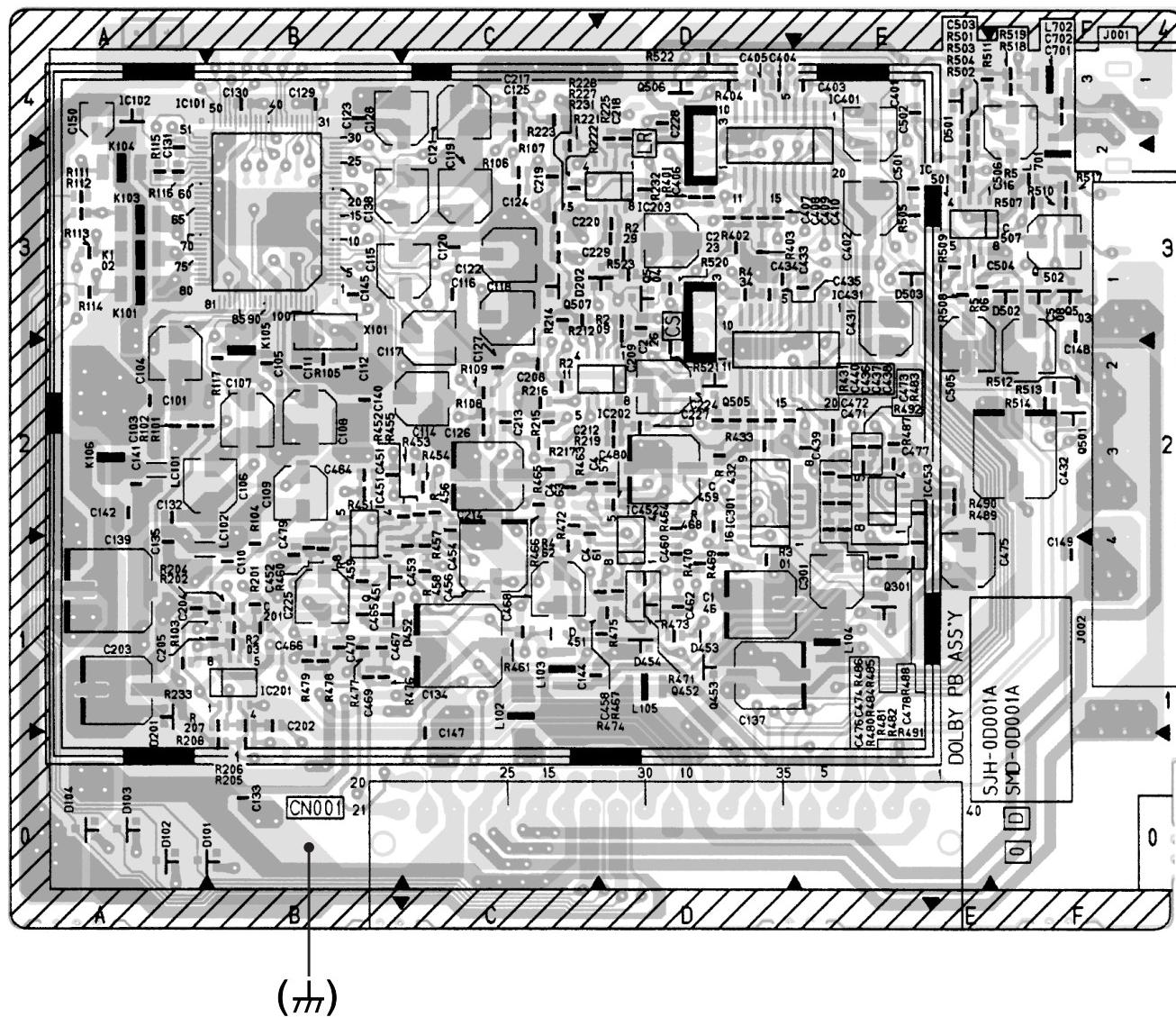


FRONT CONTROL PWB PATTERN (2/2)



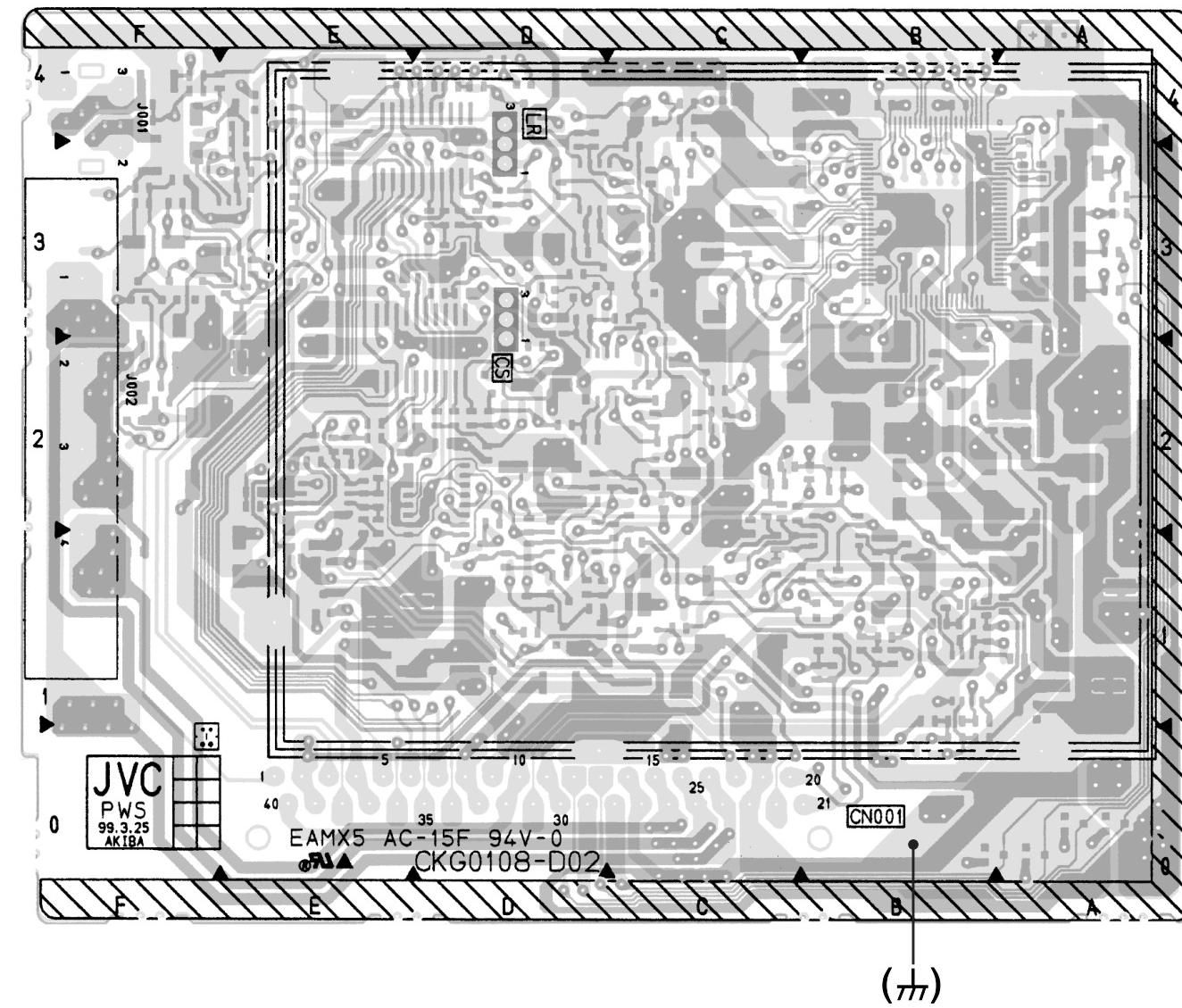
DOLBY PWB PATTERN (PARTS SIDE)

↑ TOP

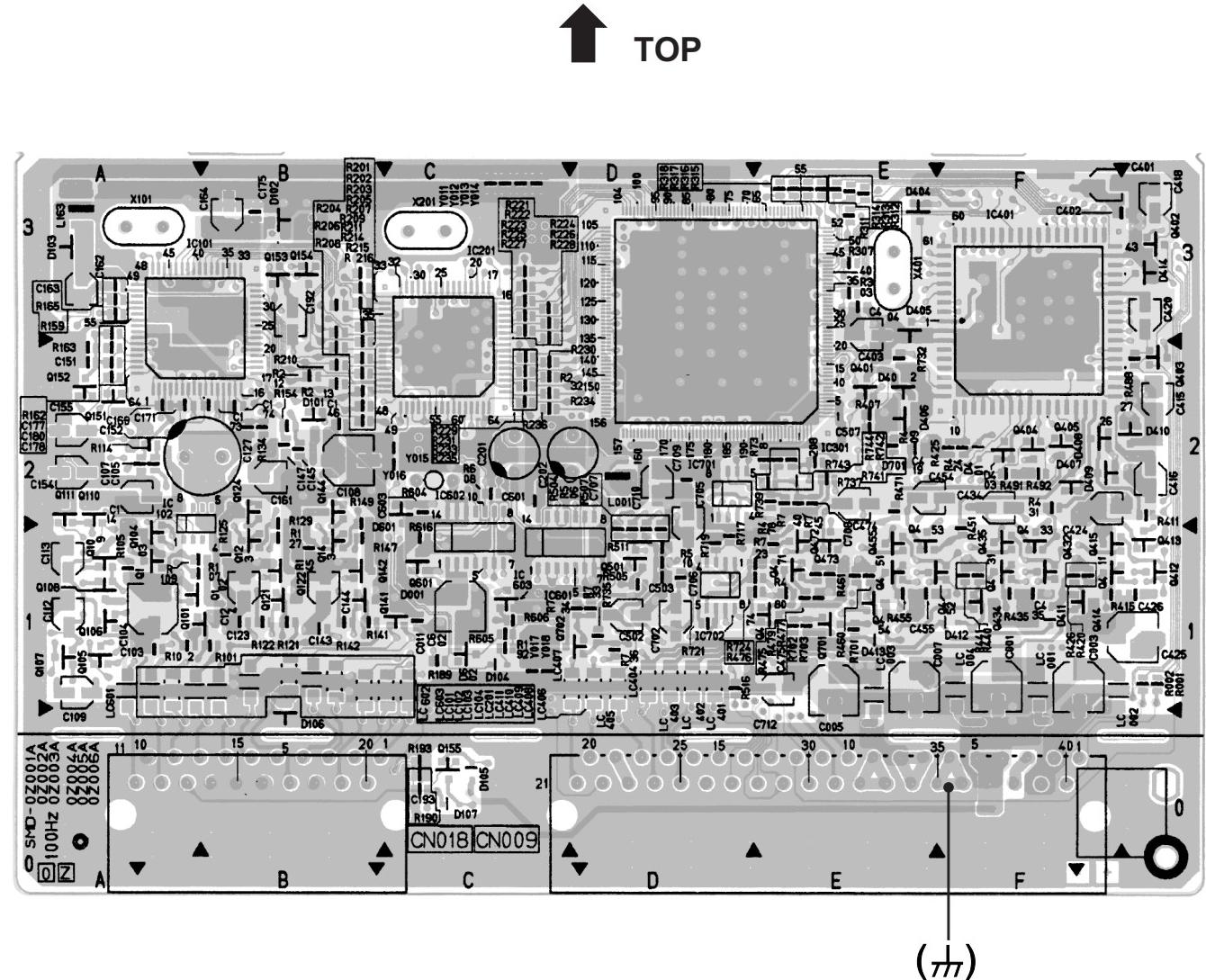


DOLBY PWB PATTERN (SOLDER SIDE)

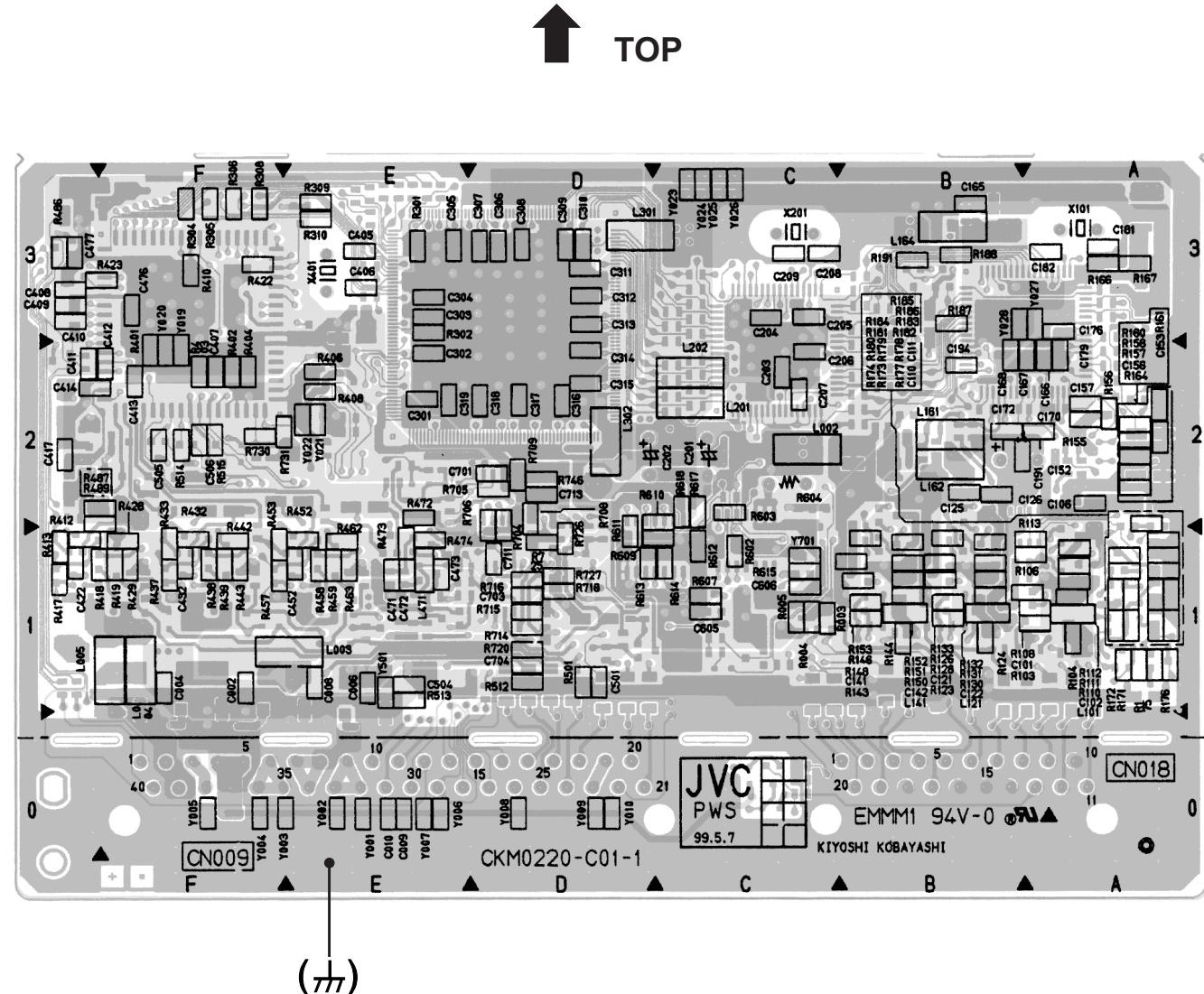
↑ TOP



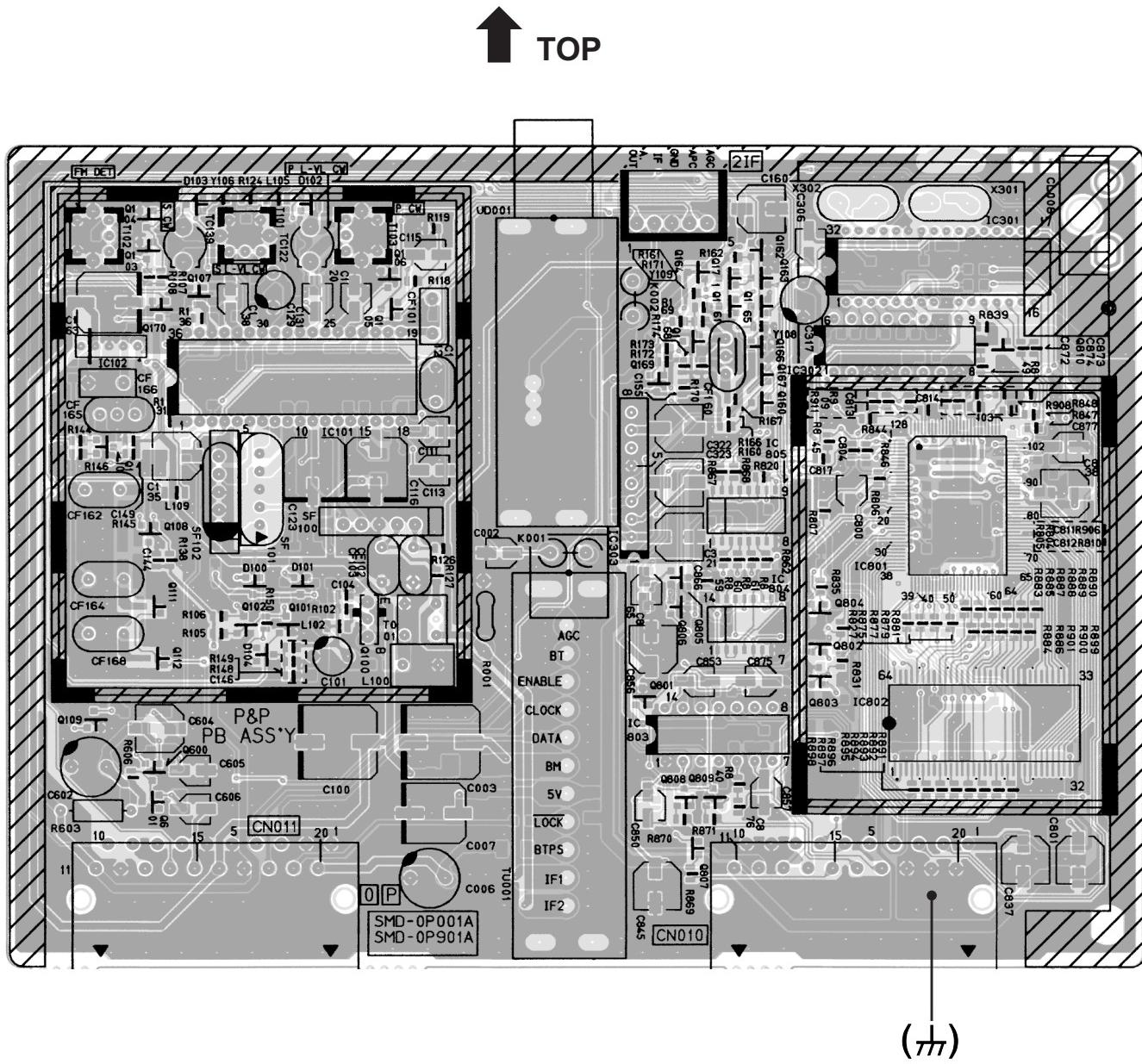
100Hz PWB PATTERN (PARTS SIDE)



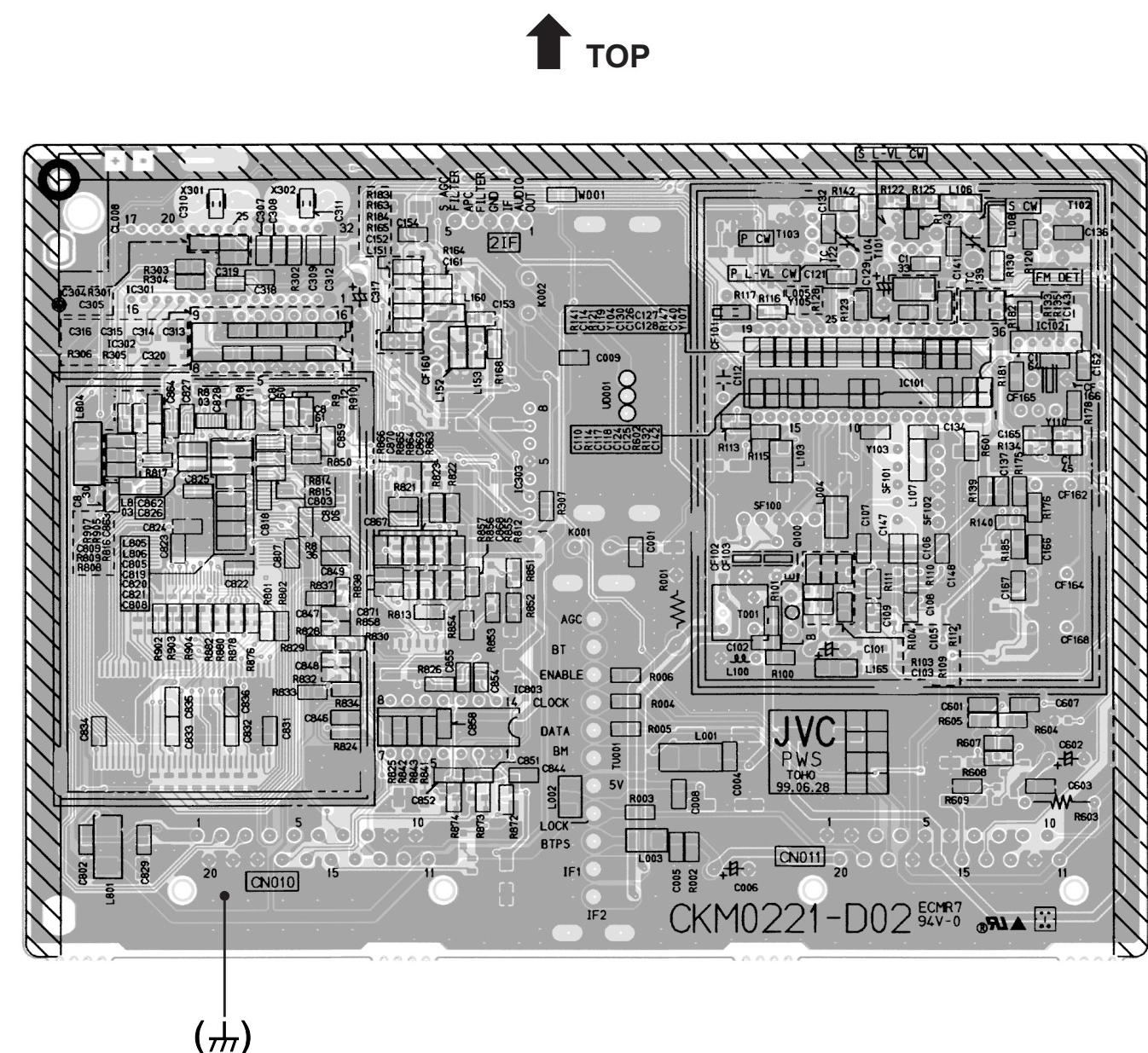
100Hz PWB PATTERN (SOLDER SIDE)



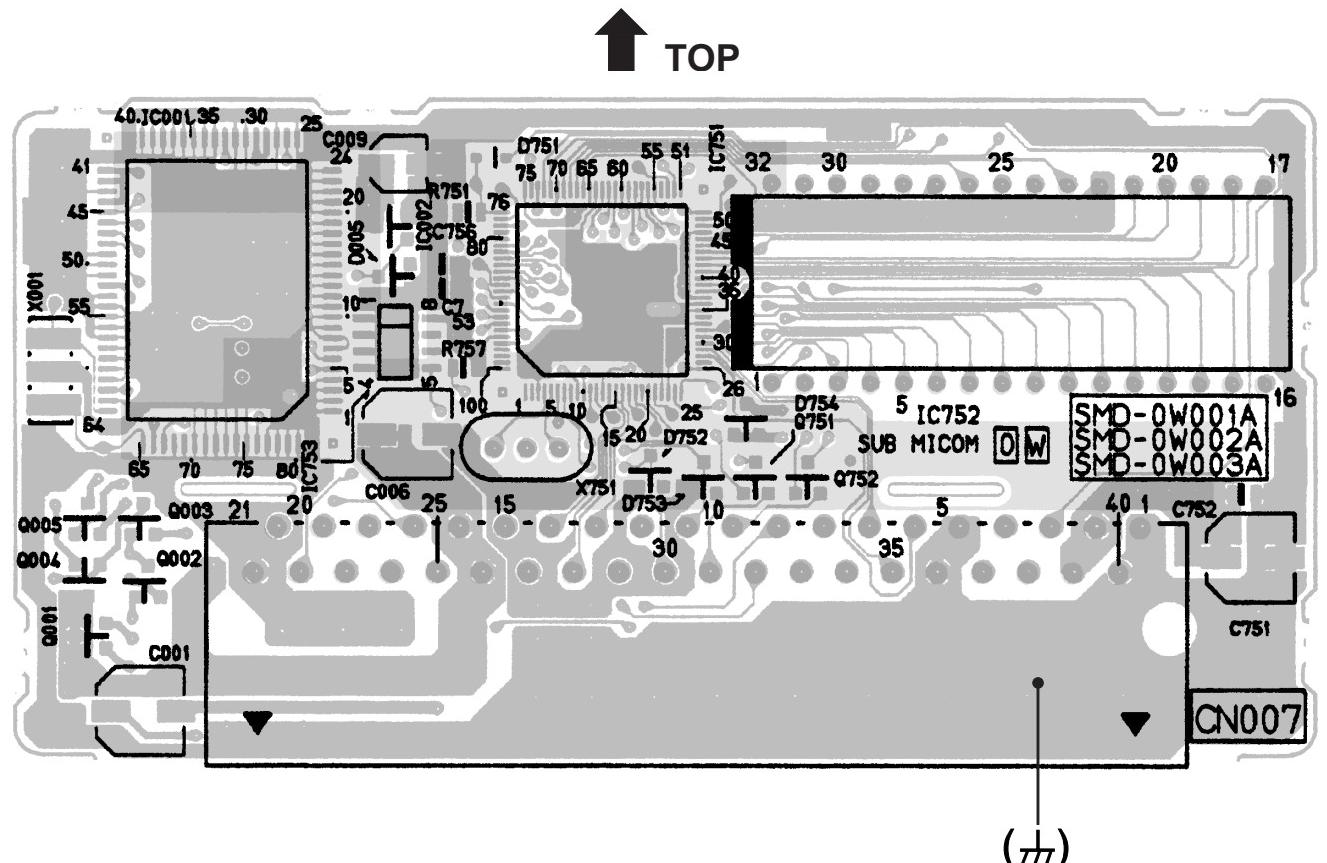
PIP PWB PATTERN (PARTS SIDE)



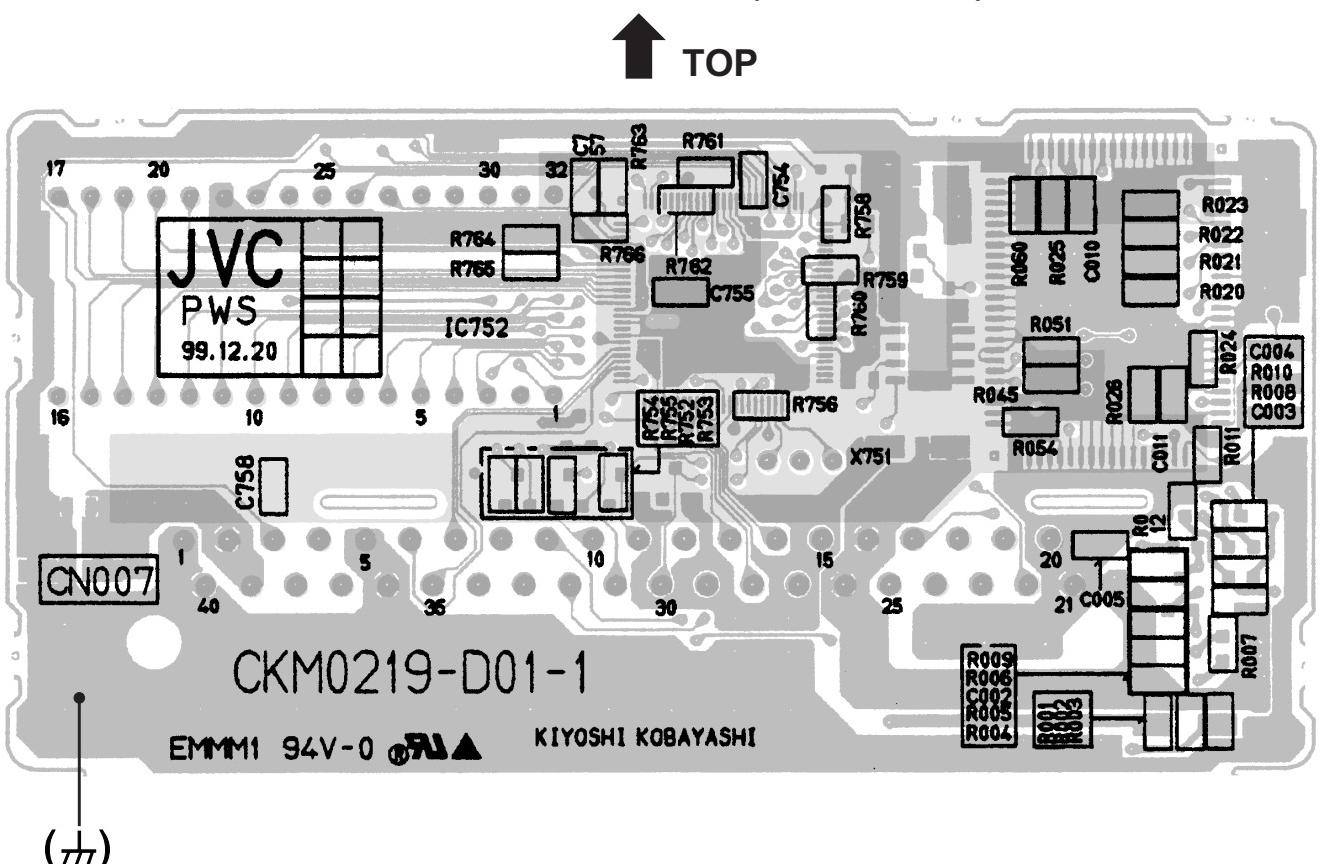
PIP PWB PATTERN (SOLDER SIDE)



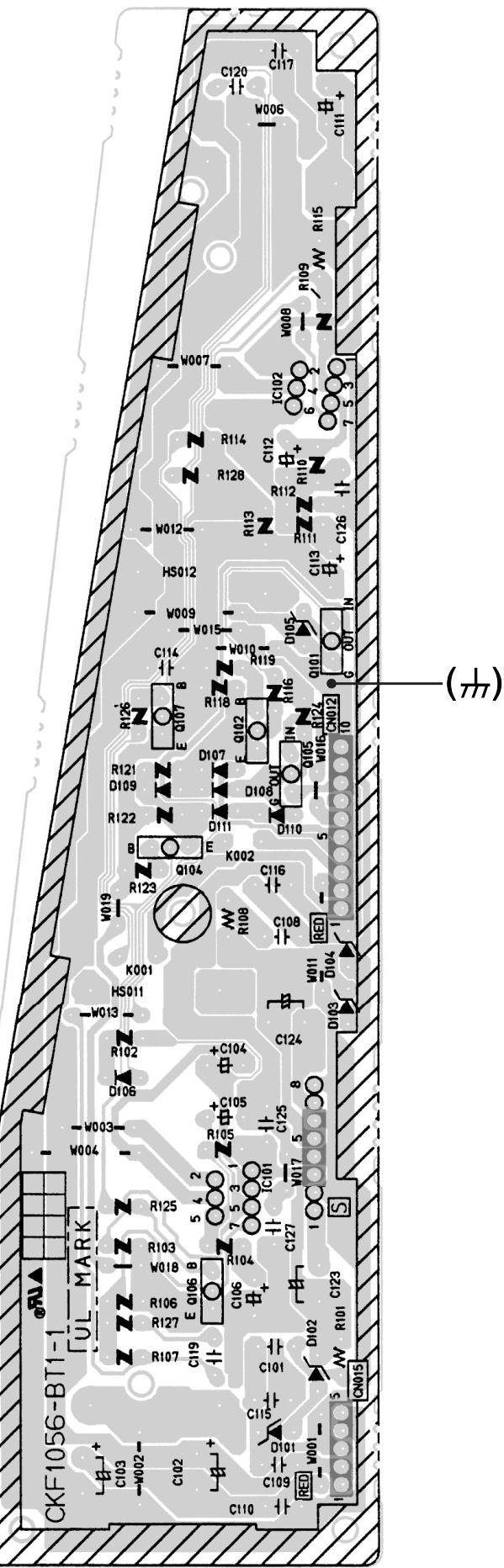
SUB MICON & AUTO PANORAMA PWB PATTERN (PARTS SIDE)



SUB MICON & AUTO PANORAMA PWB PATTERN (SOLDER SIDE)



AUDIO PWB PATTERN





SERVICE MANUAL

COLOUR TELEVISION

BASIC CHASSIS

MD

AV-32WFP1EU_(A)

AV-32WFP1EUI_(A)

AV-32WFP1EK_(A)

Supplementary

Since some details of the AV-32WFP1EU, AV-32WFP1EK (No.51550 Jun. 1999) & AV-32WFP1EUI (No.51550B Jan. 2000) SERVICE MANUAL were changed, we are informing you of the NEW SERVICE MANUAL (Revised edition, No.51550C Jun. 2000).

This revised edition contains some changes in the SERVICE ADJUSTMENTS, and REVISED PARTS LIST and STANDARD CIRCUIT DIAGRAM.

Please use this manual together with the previous SERVICE MANUAL (No.51550 Jun. 1999 / 51550B Jan. 2000).

■ OUTLINE OF CHANGES

The CRT of this model has been changed to "W76ERF031X044" from "W76LPX955X01." As a consequence, the printed wiring board has also been revised.

Please use this manual together with the previous SERVICE MANUAL.

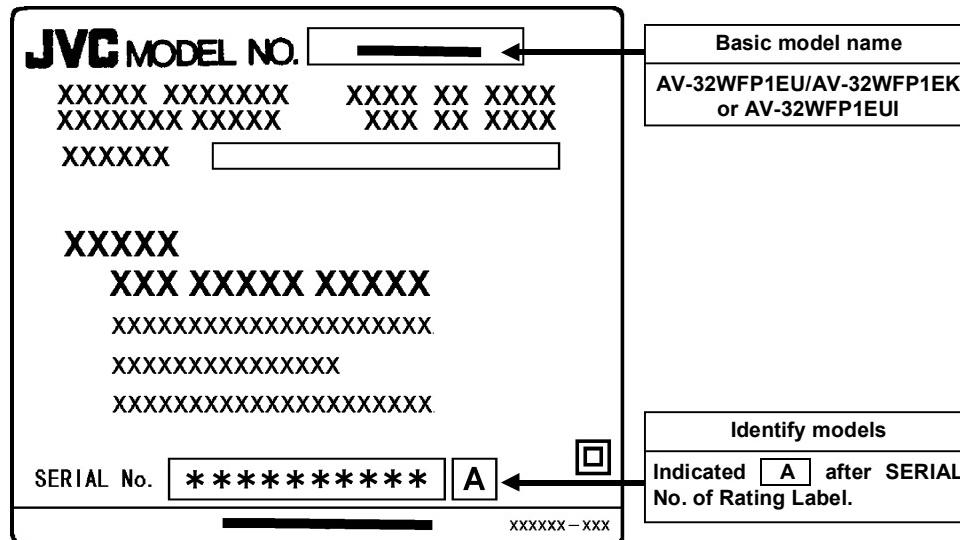
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■ SERVICE ADJUSTMENTS	2
★ STANDARD CIRCUIT DIAGRAM (APPENDIX)	2-1
■ PARTS LIST	3

HOW TO IDENTIFY MODELS

While referring to the illustration given below, identify model name on the rating label affixed to the rear cover.

RATING LABEL



SERVICE ADJUSTMENTS

ADJUSTMENTS

- Press refer to previous model adjustment.

- The setting values which adjust the screen to the optimum condition can be different from the initial setting values.
- Never touch parts (such as variable resistors, transformers and condensers) not shown in the adjustment items of this service adjustment.

PARTS LIST

REVISED EDITION

CAUTION

- The parts identified by the  symbol are important for the safety. Whenever replacing these parts, be sure to use specified ones to secure the safety.
- The parts not indicated in this Parts List and those which are filled with lines — in the Parts No. columns will not be supplied.
- P. W. Board Ass'y will not be supplied, but those which are filled with the Parts No. in the Parts No. columns will be supplied.

ABBREVIATIONS OF RESISTORS, CAPACITORS AND TOLERANCES

RESISTORS		CAPACITORS	
C R	Carbon Resistor	C CAP.	Ceramic Capacitor
F R	Fusible Resistor	E CAP.	Electrolytic Capacitor
P R	Plate Resistor	M CAP.	Mylar Capacitor
V R	Variable Resistor	HV CAP.	High Voltage Capacitor
H V R	High Voltage Resistor	MF CAP.	Metalized Film Capacitor
M F R	Metal Film Resistor	MM CAP.	Metalized Mylar Capacitor
M G R	Metal Glazed Resistor	MP CAP.	Metalized Polystyrol Capacitor
M P R	Metal Plate Resistor	PP CAP.	Polypropylene Capacitor
O M R	Metal Oxide Film Resistor	PS CAP.	Polystyrol Capacitor
C M F R	Coating Metal Film Resistor	TF CAP.	Thin Film Capacitor
U N F R	Non-Flammable Resistor	MPP CAP.	Metalized Polypropylene Capacitor
C H V R	Chip Variable Resistor	TAN. CAP.	Tantalum Capacitor
C H M G R	Chip Metal Glazed Resistor	CH C CAP.	Chip Ceramic Capacitor
C O M P . R	Composition Resistor	BP E CAP.	Bi-Polar Electrolytic Capacitor
L P T C R	Linear Positive Temperature Coefficient Resistor	CH AL E CAP.	Chip Aluminum Electrolytic Capacitor
		CH AL BP CAP.	Chip Aluminum Bi-Polar Capacitor
		CH TAN. E CAP.	Chip Tantalum Electrolytic Capacitor
		CH AL BP E CAP.	Chip Tantalum Bi-Polar Electrolytic Capacitor

TOLERANCES

F	G	J	K	M	N	R	H	Z	P
±1%	±2%	±5%	±10%	±20%	±30%	+30% -10%	+50% -10%	+80% -20%	+100% -0%

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■ PRINTED WIRING BOARD PARTS LIST	

AV-32WFP1EU_(A) / AV-32WFP1EUI_(A)

● MAIN PW BOARD ASS'Y	10
● POWER / DEF PW BOARD ASS'Y	14
● CRT SOCKET PW BOARD ASS'Y	16
● AUDIO PW BOARD ASS' Y	17
● FRONT CONTROL PW BOARD ASS'Y.....	17
● DOLBY PW BOARD ASS'Y	18
● IF PW BOARD ASS'Y.....	19
● AV TERMINAL PW BOARD ASS'Y	21
● PIP PW BOARD ASS'Y	21
● SUB MICON & AUTO PANORAMA PW BOARD ASS'Y	23
● 100Hz PW BOARD ASS'Y	24

AV-32WFP1EK_(A)

● MAIN PW BOARD ASS'Y	27
● POWER / DEF PW BOARD ASS'Y	31
● CRT SOCKET PW BOARD ASS'Y	31
● AUDIO PW BOARD ASS' Y	31
● FRONT CONTROL PW BOARD ASS'Y.....	31
● DOLBY PW BOARD ASS'Y	31
● IF PW BOARD ASS'Y.....	31
● AV TERMINAL PW BOARD ASS'Y	32
● PIP PW BOARD ASS'Y	32
● SUB MICON & AUTO PANORAMA PW BOARD ASS'Y	34
● 100Hz PW BOARD ASS'Y	34
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■ PACKING PARTS LIST	35
■ REMOTE CONTROL UNIT PARTS LIST	36

MAIN DIFFERENCE PARTS LIST (between without "A" and with "A" model)

△ PWB name	model name	Model No. & Parts No.		Remarks
		AV-32WFP1EU / EUI	AV-32WFP1EU(A) / EUI(A)	
		AV-32WFP1EK	AV-32WFP1EK(A)	

● USING PW BOARD (Page 5)

MAIN PWB	SMD-1001A-U2	SMD-1008A-U2	EU / EUI	Not interchangeable
	SMD-1901A-U2	SMD-1904A-U2	EK	↑
POWER/DEF PWB	SMD-2001A-U2 ↑	SMD-2008A-U2 ↑	EU / EUI EK	↑ ↑
	↑	↑	EK	↑
CRT SOCKET PWB	SMD-3001A-U2 ↑	SMD-3005A-U2 ↑	EU / EUI EK	↑ ↑
	↑	↑	EK	↑
FRONT CONTROL PWB	SMD-8001A-U2 ↑	SMD-8008A-U2 ↑	EU / EUI EK	↑ ↑
	↑	↑	EK	↑
100Hz PWB	SMD0Z001A-U2 ↑	SMD0Z005A-U2 ↑	EU / EUI EK	↑ ↑
	↑	↑	EK	↑
IF PWB	SMD0F001A-U2	SMD0F003A-U2	EU / EUI	↑
	SMD0F902A-U2	SMD0F903A-U2	EK	↑

● EXPLODED VIEW PARTS LIST (Page 7 & 8)

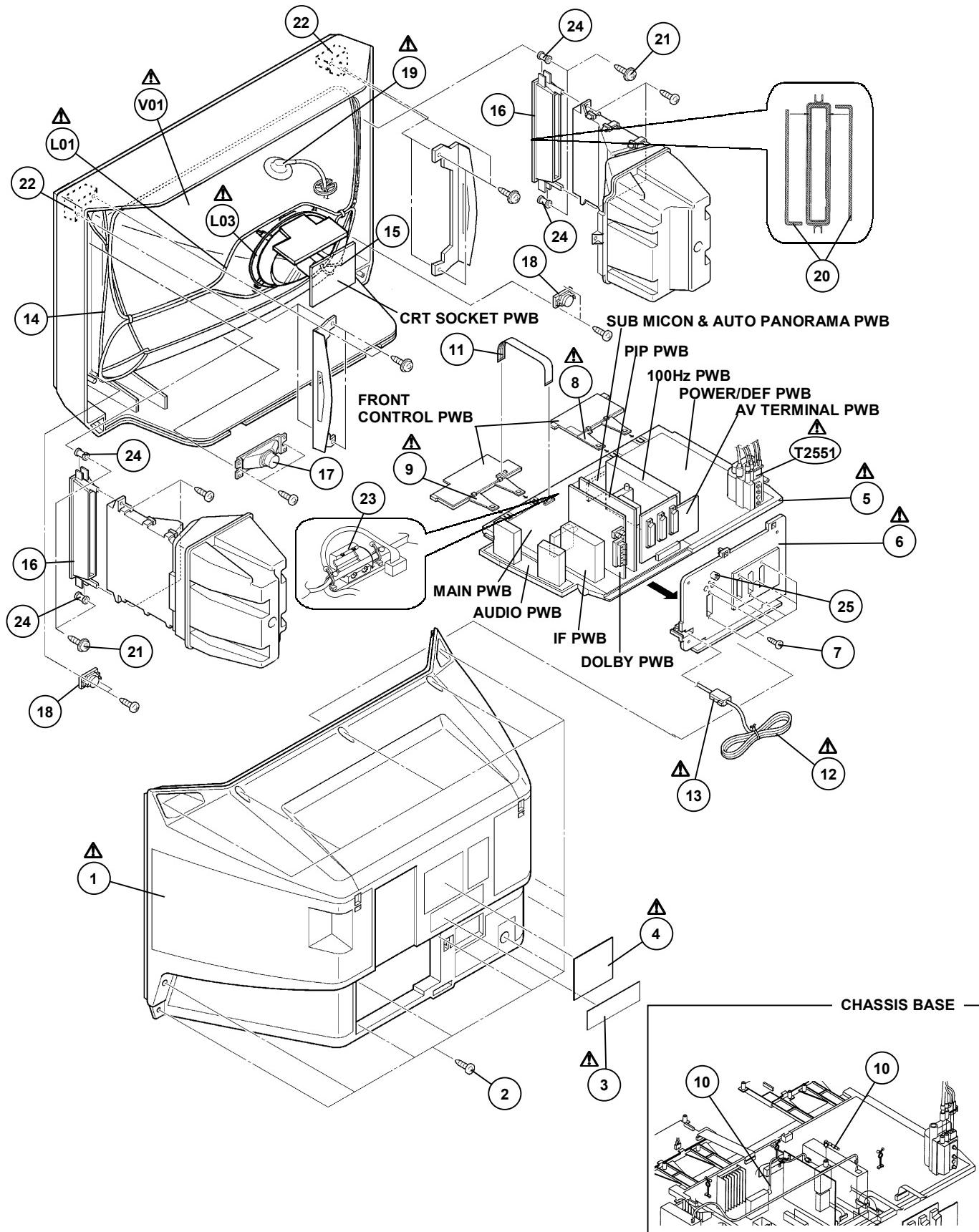
△	PICTURE TUBE (ITC)	W76LPX955X01	W76ERF031X044	V01	Not interchangeable
△	DEG. COIL	QQW0037-001	QQW0066-001	L01	↑
△	ROTATION COIL	QQW0040-001	CELD904-001	L03	↑
	E. BRAIDED	WJY0007-001A	CHGB0029-0C		↑
	SUB BRAIDED	_____	CHGB0017-0B		↑
△	FBT(SERVICE)	QQH0053-002-I2	QQH0054-002-I2	T2551	↑
△	RATING LABEL	LC20379-001A-U LC20380-001B-U	LC20379-007A-U LC20380-007A-U	EU	↑
		LC20080-006A-U	LC20080-010A-U	EUI	↑
		LC20091-002A-U	LC20075-031A-U	EK	↑

● PACKING PARTS LIST (Page 35)

EURO LABEL	AEM1039-057-E	AEM1052-005-E	EU	Not interchangeable
	AEM1039-074-E	AEM1052-004-E	EUI	↑
	AEM1039-056-E	AEM1052-003-E	EK	↑
△ INST BOOK	LCT0337-001A-U LCT0338-001A-U LCT0339-001A-U	LCT0037-002A-U LCT0038-002A-U LCT0339-002A-U	EU	↑
	LCT0337-001A-U	LCT0037-002A-U	EUI	↑
	LCT0340-001A-U	LCT0340-002A-U	EK	↑
PACKING CASE	AEM1002-065-E	AEM1002-065-E	EU / EUI / EK	↑
X-RAR CARD	LC10102-009AU	AEM1053-001-E	EU	↑

AV-32WFP1EU_(A) / AV-32WFP1EUI_(A) / AV-32WFP1EK_(A)

EXPLODED VIEW [I]



AV-32WFP1EU_(A) / AV-32WFP1EUI_(A) / AV-32WFP1EK_(A)

EXPLODED VIEW PARTS LIST [I]

△ Ref.No.	Part No.	Part Name	Description
△ L01	QQW0066-001	DEGAUSSING COIL	
△ L03	CELD904-001	ROTATION COIL	
△ T2551	QQH0054-002-I2	H.V.TRANSF	(SERVICE)
△ V01	W76ERF031X044	ITC TUBE(C)	Inc.DY,PC,WED
△ 1	LC10378-001D-U	REAR COVER	
2	QYSBSAG4016N	TAPPING SCREW	(×13)For REAR COVER
△ 3	LC20380-007A-U	RATING LABEL	For ENG/ESP/FRA
△ 3	LC20075-031A-U	RATING LABEL	AV-32WFP1EK(A)
△ 4	LC20379-007A-U	RATING LABEL	For ENG/GER/ITA AV-32WFP1EU(A)
△ 4	LC20080-010A-U	RATING LABEL	AV-32WFP1EUI(A)
△ 5	CM12923-A01-E	CHASSIS BASE	
△ 6	LC10381-001D-U	AV BOARD	
7	QYSBSB3012M	TAPPING SCREW	(×6)For AV BOARD
△ 8	LC10380-001C-U	CONTROL BASE L	
△ 9	LC10380-002B-U	CONTROL BASE R	
10	CHGY0017-0A-YS	ANTENNA CABLE	(×2)
△ 11	CHFD125-14BD	FFC WIRE	
△ 12	QMPK160-185-JC	POWER CORD	AV-32WFP1EU(A)
△ 12	QMPN130-185-JC	POWER CORD	AV-32WFP1EUI(A) / AV-32WFP1EK(A)
△ 13	CM46618-A01-E	POWER CORD CLAMP	
14	CHGB0029-0C	BRAIDED ASSY	
15	CHGB0017-0B	BRAIDED SUB ASSY	(×2)
16	LC10379-001A-U	HORN ADAPTER	(×2)
17	QA50030-001	SPEAKER	SP03
△ 18	CEBSF02K-01KJ6	SPEAKER	(×2)SP04,SP05
19	QNZ0407-001	ANODE WIRE	
20	LC30820-001C	SP SPACER	(×4)
21	LC40506-001A	TAPPING SCREW	(×4)For HORN ADAPTER
22	LC20508-001D-U	ADAPTOR	(×4)
23	QQR0491-001	FILTER	
24	LC40226-001A	SPACER	(×4)
25	CE42112-002	PALJ CONNECTOR	AV-32WFP1EU(A) / AV-32WFP1EUI(A)
25	CE42112-001	PALJ CONNECTOR	AV-32WFP1EK(A)

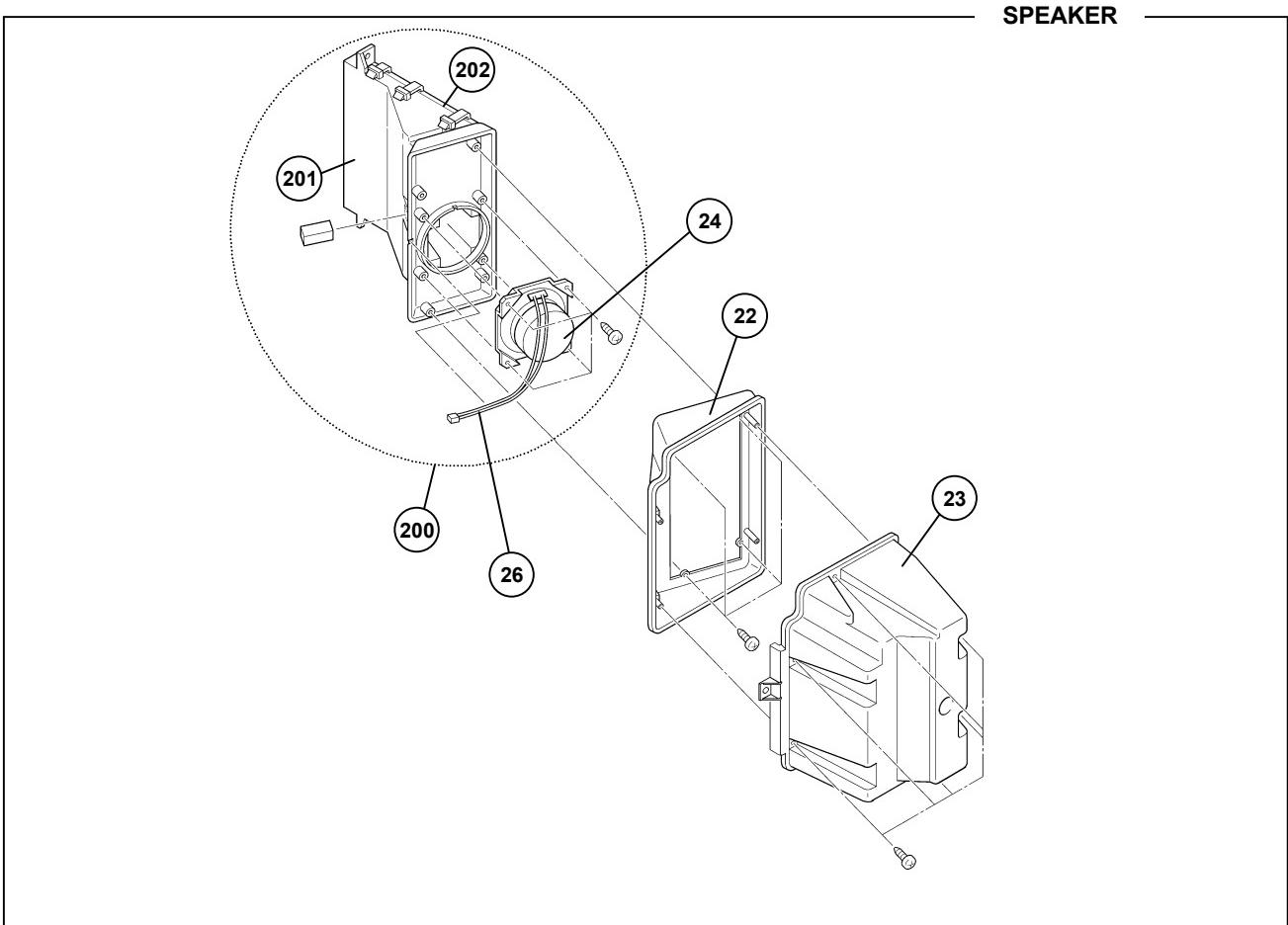
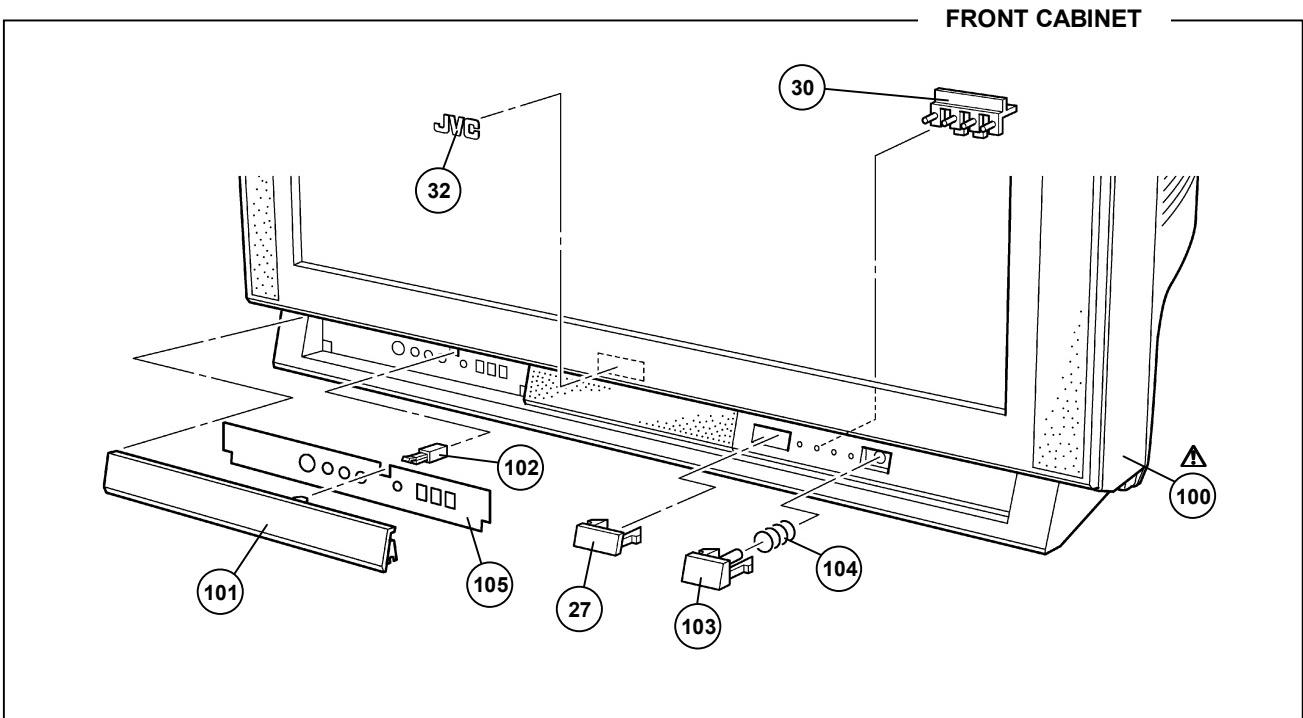
AV-32WFP1EU_(A) / AV-32WFP1EUI_(A) / AV-32WFP1EK_(A)

EXPLODED VIEW PARTS LIST [II]

△ Ref.No.	Part No.	Part Name	Description
AV-32WFP1EU(A)			
22	CM12921-001-E	DOME ADAPTER	(×2)
23	CM12922-A01-E	DOME BOX	(×2)
24	CEBSF10P-05KJ6	SPEAKER	(×2)SP01, SP02
26	CHGS0033-OB	SPEAKER WIRE	(×2)
27	LC30579-001B-C	REMOCON WINDOW	
30	LC30580-001B-C	L.E.D.LENS	
32	LC40354-001C-C	JVC MARK	
△ 100	LC10376-001E-U	FRONT CABINET	Inc.No.101~105
101	LC20265-002A-U	DOOR	(SERVICE)
102	CM48229-00A-C	DOOR LATCH	
103	LC30578-002A-C	POWER KNOB	(SERVICE)
104	AEM3149-001-E	SPRING	
105	LC30597-002A-U	CONTROL SHEET	
200	2528MXSP-2SE	DOME SPK BOX	(×2)Inc.No.201~202
201	CM12463-D01-E	HORN	(×2)
202	CM12464-D01-E	HORN PANEL	(×2)
AV-32WFP1EUI(A)			
22	CM12921-001-E	ADAPTER	(×2)
23	CM12922-A01-E	SPEAKER BOX	(×2)
24	CEBSF10P-05KJ6	SPEAKER	(×2)SP01, SP02
26	CHGS0033-OB	SPEAKER WIRE	(×2)
27	LC30579-001B-C	REMOCON WINDOW	
30	LC30580-001B-C	L.E.D.LENS	
32	LC40354-001C-C	JVC MARK	
△ 100	LC10376-001E-U	FRONT CABINET	Inc.No.101~105
101	LC20265-002A-U	DOOR	(SERVICE)
102	CM48229-00A-C	DOOR LATCH	
103	LC30578-002A-C	POWER KNOB	(SERVICE)
104	AEM3149-001-E	SPRING	
105	LC30597-002A-U	CONTROL SHEET	
200	2528MXSP-2SE	DOME SPK BOX	(×2)Inc.No.201~202
201	CM12463-D01-E	HORN	(×2)
202	CM12464-D01-E	HORN PANEL	(×2)
AV-32WFP1EK(A)			
22	CM12921-001-E	DOME ADAPTER	(×2)
23	CM12922-A01-E	DOME BOX	(×2)
24	CEBSF10P-05KJ6	SPEAKER	(×2)SP01, SP02
26	CHGS0033-OB	SPEAKER WIRE	(×2)
27	LC30579-001B-C	REMOCON WINDOW	
30	LC30580-001B-C	L.E.D.LENS	
32	LC40354-001C-C	JVC MARK	
△ 100	LC10376-001E-U	FRONT CABINET	Inc.No.101~105
101	LC20265-002A-U	DOOR	(SERVICE)
102	CM48229-00A-C	DOOR LATCH	
103	LC30578-002A-C	POWER KNOB	(SERVICE)
104	AEM3149-001-E	SPRING	
105	LC30597-002A-U	CONTROL SHEET	
200	2528MXSP-2SE	DOME SPK BOX	(×2)Inc.No.201~202
201	CM12463-D01-E	HORN	(×2)
202	CM12464-D01-E	HORN PANEL	(×2)

AV-32WFP1EU_(A) / AV-32WFP1EUI_(A) / AV-32WFP1EK_(A)

EXPLODED VIEW [II]



AV-28WFP1EU_(A) / AV-32WFP1EUI_(A)**PRINTED WIRING BOARD PARTS LIST****MAIN PW BOARD ASS'Y (SMD-1008A-U2)**

△ Symbol No.	Part No.	Part Name	Description
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RESISTOR

R1002	NRSA02J-103X	MG R	10kΩ 1/10W J
R1003-06	NRSA02J-102X	MG R	1kΩ 1/10W J
R1101-03	NRSA02J-102X	MG R	1kΩ 1/10W J
R1104	NRSA02J-681X	MG R	680Ω 1/10W J
R1105	NRSA02J-392X	MG R	3.9kΩ 1/10W J
R1107	NRSA02J-391X	MG R	390Ω 1/10W J
R1108	NRSA02J-102X	MG R	1kΩ 1/10W J
R1109	NRSA02J-103X	MG R	10kΩ 1/10W J

R1110	NRSA02J-472X	MG R	4.7kΩ 1/10W J
R1111	NRSA02J-821X	MG R	820Ω 1/10W J
R1112	NRSA02J-101X	MG R	100Ω 1/10W J
R1113	NRSA02J-102X	MG R	1kΩ 1/10W J
R1121-22	NRSA02J-OROX	MG R	0.0Ω 1/10W J
R1123	NRSA02J-152X	MG R	1.5kΩ 1/10W J
R1124	NRSA02J-821X	MG R	820Ω 1/10W J
R1125-27	NRSA02J-103X	MG R	10kΩ 1/10W J

R1128	NRSA02J-153X	MG R	15kΩ 1/10W J
R1131-33	NRSA02J-102X	MG R	1kΩ 1/10W J
R1134	NRSA02J-681X	MG R	680Ω 1/10W J
R1135	NRSA02J-561X	MG R	560Ω 1/10W J
R1136	NRSA02J-681X	MG R	680Ω 1/10W J
R1137	NRSA02J-102X	MG R	1kΩ 1/10W J
R1138	NRSA02J-391X	MG R	390Ω 1/10W J
R1140	NRSA02J-103X	MG R	10kΩ 1/10W J

R1141	NRSA02J-472X	MG R	4.7kΩ 1/10W J
R1142	NRSA02J-821X	MG R	820Ω 1/10W J
R1151	NRSA02J-222X	MG R	2.2kΩ 1/10W J
R1152-53	NRSA02J-102X	MG R	1kΩ 1/10W J
R1154	NRSA02J-681X	MG R	680Ω 1/10W J
R1155	NRSA02J-561X	MG R	560Ω 1/10W J
R1156	NRSA02J-681X	MG R	680Ω 1/10W J
R1157	NRSA02J-102X	MG R	1kΩ 1/10W J

R1158	NRSA02J-391X	MG R	390Ω 1/10W J
R1160	NRSA02J-103X	MG R	10kΩ 1/10W J
R1161	NRSA02J-472X	MG R	4.7kΩ 1/10W J
R1162	NRSA02J-821X	MG R	820Ω 1/10W J
R1171	NRSA02J-103X	MG R	10kΩ 1/10W J
R1172	NRSA02J-562X	MG R	5.6kΩ 1/10W J
R1173	NRSA02J-221X	MG R	220Ω 1/10W J
R1174	NRSA02J-272X	MG R	2.7kΩ 1/10W J

R1175	NRSA02J-102X	MG R	1kΩ 1/10W J
R1176	NRSA02J-392X	MG R	3.9kΩ 1/10W J
R1177	NRSA02J-472X	MG R	4.7kΩ 1/10W J
R1178	NRSA02J-OROX	MG R	0.0Ω 1/10W J
R1179	NRSA02J-272X	MG R	2.7kΩ 1/10W J
R1201-02	NRSA02J-103X	MG R	10kΩ 1/10W J
R1203	NRSA02J-750X	MG R	75Ω 1/10W J
R1204	QRK126J-151X	C R	150Ω 1/2W J

R1205	NRSA02J-101X	MG R	100Ω 1/10W J
R1206	QRG01GJ-101	OM R	100Ω 1W J
R1207	NRSA02J-223X	MG R	22kΩ 1/10W J
R1208	NRSA02J-473X	MG R	47kΩ 1/10W J
R1209	NRSA02J-683X	MG R	68kΩ 1/10W J
R1210	NRSA02J-153X	MG R	15kΩ 1/10W J
R1211	NRSA02J-103X	MG R	10kΩ 1/10W J
R1212	NRSA02J-473X	MG R	47kΩ 1/10W J

R1213	NRSA02J-273X	MG R	27kΩ 1/10W J
R1214	NRSA02J-103X	MG R	10kΩ 1/10W J
R1215	NRSA02J-222X	MG R	2.2kΩ 1/10W J
R1216	NRSA02J-333X	MG R	33kΩ 1/10W J
R1217	NRSA02J-222X	MG R	2.2kΩ 1/10W J
R1218	NRSA02J-333X	MG R	33kΩ 1/10W J
R1219	NRSA02J-823X	MG R	82kΩ 1/10W J
R1220	NRSA02J-OROX	MG R	0.0Ω 1/10W J

R1221	NRSA02J-391X	MG R	390Ω 1/10W J
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△ Symbol No.	Part No.	Part Name	Description
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RESISTOR

R1222	NRSA02J-823X	MG R	82kΩ 1/10W J
R1223	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1224	NRSA02J-391X	MG R	390Ω 1/10W J
R1225-26	NRSA02J-223X	MG R	22kΩ 1/10W J
R1227	NRSA02J-104X	MG R	100kΩ 1/10W J
R1228	NRSA02J-680X	MG R	68kΩ 1/10W J
R1229	QRK126J-181X	C R	180Ω 1/2W J
R1231	QRG01GJ-101	OM R	100Ω 1W J

R1232	NRSA02J-101X	MG R	100Ω 1/10W J
R1233	NRSA02J-222X	MG R	2.2kΩ 1/10W J
R1242	NRSA02J-223X	MG R	22kΩ 1/10W J
R1243	NRSA02J-473X	MG R	47kΩ 1/10W J
R1244	NRSA02J-683X	MG R	68kΩ 1/10W J
R1245	NRSA02J-153X	MG R	15kΩ 1/10W J
R1246	NRSA02J-103X	MG R	10kΩ 1/10W J
R1247	NRSA02J-473X	MG R	47kΩ 1/10W J

R1248	NRSA02J-273X	MG R	27kΩ 1/10W J
R1249	NRSA02J-103X	MG R	10kΩ 1/10W J
R1250	NRSA02J-222X	MG R	2.2kΩ 1/10W J
R1251	NRSA02J-333X	MG R	33kΩ 1/10W J
R1252	NRSA02J-222X	MG R	2.2kΩ 1/10W J
R1253	NRSA02J-333X	MG R	33kΩ 1/10W J
R1254	NRSA02J-823X	MG R	82kΩ 1/10W J
R1255	NRSA02J-0R0X	MG R	0.0Ω 1/10W J

R1256	NRSA02J-391X	MG R	390Ω 1/10W J
R1257	NRSA02J-823X	MG R	82kΩ 1/10W J
R1258	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1259	NRSA02J-391X	MG R	390Ω 1/10W J
R1260-61	NRSA02J-223X	MG R	22kΩ 1/10W J
R1262	NRSA02J-104X	MG R	100kΩ 1/10W J
R1263	NRSA02J-222X	MG R	2.2kΩ 1/10W J
R1264	NRSA02J-333X	MG R	33kΩ 1/10W J

R1265	NRSA02J-222X	MG R	2.2kΩ 1/10W J
R1266	NRSA02J-333X	MG R	33kΩ 1/10W J
R1267-69	NRSA02J-750X	MG R	75Ω 1/10W J
R1277-79	NRSA02J-750X	MG R	75Ω 1/10W J
R1280	NRSA02J-223X	MG R	22kΩ 1/10W J
R1281	NRSA02J-473X	MG R	47kΩ 1/10W J
R1282	NRSA02J-683X	MG R	68kΩ 1/10W J
R1283	NRSA02J-153X	MG R	15kΩ 1/10W J

R1284	NRSA02J-103X	MG R	10kΩ 1/10W J
R1285	NRSA02J-473X	MG R	47kΩ 1/10W J
R1286	NRSA02J-273X	MG R	27kΩ 1/10W J
R1287	NRSA02J-103X	MG R	10kΩ 1/10W J
R1288	NRSA02J-222X	MG R	2.2kΩ 1/10W J
R1289	NRSA02J-333X	MG R	33kΩ 1/10W J
R1290	NRSA02J-222X	MG R	2.2kΩ 1/10W J
R1291	NRSA02J-333X	MG R	33kΩ 1/10W J

R1292	NRSA02J-471X	MG R	470Ω 1/10W J
R1301	NRSA02J-101X	MG R	100Ω 1/10W J
R1302	NRSA02J-471X	MG R	470Ω 1/10W J
R1303	NRSA02J-101X	MG R	100Ω 1/10W J
R1304	NRSA02J-471X	MG R	470Ω 1/10W J
R1305	NRSA02J-221X	MG R	220Ω 1/10W J
R1306	NRSA02J-271X	MG R	270Ω 1/10W J
R1307	NRSA02J-101X	MG R	100Ω 1/10W J

R1308	NRSA02J-471X	MG R	470Ω 1/10W J
R1309	NRSA02J-101X	MG R	100Ω 1/10W J
R1310	NRSA02J-471X	MG R	470Ω 1/10W J
R1311	NRSA02J-221X	MG R	220Ω 1/10W J
R1312	NRSA02J-271X	MG R	270Ω 1/10W J
R1313	NRSA02J-101X	MG R	100Ω 1/10W J
R1314-15	NRSA02J-471X	MG R	470Ω 1/10W J
R1316	NRSA02J-152X	MG R	1.5kΩ 1/10W J</td

△	Symbol No.	Part No.	Part Name	Description
RESISTOR				
R1319	NRSA02J-152X	MG R	1.5kΩ 1/10W J	
R1320	NRSA02J-221X	MG R	220Ω 1/10W J	
R1321	NRSA02J-102X	MG R	1kΩ 1/10W J	
R1323-24	NRSA02J-562X	MG R	5.6kΩ 1/10W J	
R1326-29	NRSA02J-152X	MG R	1.5kΩ 1/10W J	
R1330	NRSA02J-103X	MG R	10kΩ 1/10W J	
R1331	NRSA02J-101X	MG R	100Ω 1/10W J	
R1332-33	NRSA02J-471X	MG R	470Ω 1/10W J	
R1334-35	NRSA02J-152X	MG R	1.5kΩ 1/10W J	
R1336	NRSA02J-101X	MG R	100Ω 1/10W J	
R1337	NRSA02J-103X	MG R	10kΩ 1/10W J	
R1338-40	NRSA02J-101X	MG R	100Ω 1/10W J	
R1341	NRSA02J-183X	MG R	18kΩ 1/10W J	
R1342	NRSA02J-823X	MG R	82kΩ 1/10W J	
R1343-44	NRSA02J-101X	MG R	100Ω 1/10W J	
R1345-46	NRSA02J-103X	MG R	10kΩ 1/10W J	
R1347	NRSA02J-562X	MG R	5.6kΩ 1/10W J	
R1348	NRSA02J-471X	MG R	470Ω 1/10W J	
R1349	NRSA02J-152X	MG R	1.5kΩ 1/10W J	
R1350	NRSA02J-271X	MG R	270Ω 1/10W J	
R1381	NRSA02J-102X	MG R	1kΩ 1/10W J	
R1382	NRSA02J-152X	MG R	1.5kΩ 1/10W J	
R1383	NRSA02J-822X	MG R	8.2kΩ 1/10W J	
R1384	NRSA02J-683X	MG R	68kΩ 1/10W J	
R1385	NRSA02J-273X	MG R	27kΩ 1/10W J	
R1386	NRSA02J-102X	MG R	1kΩ 1/10W J	
R1387	NRSA02J-683X	MG R	68kΩ 1/10W J	
R1388	NRSA02J-273X	MG R	27kΩ 1/10W J	
R1389	NRSA02J-102X	MG R	1kΩ 1/10W J	
R1390	NRSA02J-683X	MG R	68kΩ 1/10W J	
R1391	NRSA02J-273X	MG R	27kΩ 1/10W J	
R1392	NRSA02J-102X	MG R	1kΩ 1/10W J	
R1395-97	NRSA02J-OROX	MG R	0.0Ω 1/10W J	
R1398	NRSA02J-101X	MG R	100Ω 1/10W J	
R1401-02	NRSA02J-682X	MG R	6.8kΩ 1/10W J	
R1403	NRSA02J-222X	MG R	2.2kΩ 1/10W J	
R1404	QRX01GJ-1R0	MF R	1.0Ω 1W J	
R1405	QLR029J-221	OM R	220Ω 2W J	
R1406	NRSA02J-222X	MG R	2.2kΩ 1/10W J	
R1407-08	QRX01GJ-1R5	MF R	1.5Ω 1W J	
R1409-10	NRSA02J-103X	MG R	10kΩ 1/10W J	
R1461	NRSA02J-272X	MG R	2.7kΩ 1/10W J	
R1462	NRSA02J-563X	MG R	56kΩ 1/10W J	
R1463	NRSA02J-104X	MG R	100kΩ 1/10W J	
R1464	NRSA02J-123X	MG R	12kΩ 1/10W J	
R1501	NRSA02J-332X	MG R	3.3kΩ 1/10W J	
R1551	NRSA02J-100X	MG R	10Ω 1/10W J	
R1552	NRSA02J-124X	MG R	120kΩ 1/10W J	
R1553	NRSA02J-683X	MG R	68kΩ 1/10W J	
R1554	NRSA02J-562X	MG R	5.6kΩ 1/10W J	
R1555	NRSA02J-333X	MG R	33kΩ 1/10W J	
R1556	NRSA02J-472X	MG R	4.7kΩ 1/10W J	
R1557	NRSA02J-562X	MG R	5.6kΩ 1/10W J	
R1558	NRSA02J-104X	MG R	100kΩ 1/10W J	
R1559	NRSA02J-154X	MG R	150kΩ 1/10W J	
R1560	NRSA02J-100X	MG R	10Ω 1/10W J	
R1561	QRN143J-OROX	C R	0.0Ω 1/4W J	
R1601	NRSA02J-103X	MG R	10kΩ 1/10W J	
R1602	NRSA02J-104X	MG R	100kΩ 1/10W J	
R1610	NRSA02J-471X	MG R	470Ω 1/10W J	
R1611	NRSA02J-331X	MG R	330Ω 1/10W J	
R1612	NRSA02J-561X	MG R	560Ω 1/10W J	
R1613-14	NRSA02J-123X	MG R	12kΩ 1/10W J	
R1615	NRSA02J-681X	MG R	680Ω 1/10W J	
R1616	NRSA02J-102X	MG R	1kΩ 1/10W J	
R1617-18	NRSA02J-682X	MG R	6.8kΩ 1/10W J	
R1619-20	NRSA02J-223X	MG R	22kΩ 1/10W J	
R1658-60	QRN143J-2R2X	C R	2.2Ω 1/4W J	
R1661	NRSA02J-561X	MG R	560Ω 1/10W J	
R1662-64	NRSA02J-223X	MG R	22kΩ 1/10W J	
R1665	NRSA02J-104X	MG R	100kΩ 1/10W J	
R1666	NRSA02J-682X	MG R	6.8kΩ 1/10W J	

△	Symbol No.	Part No.	Part Name	Description
RESISTOR				
R1667	NRSA02J-104X	MG R	100kΩ 1/10W J	
R1668	NRSA02J-0R0X	MG R	0.0Ω 1/10W J	
R1669	NRSA02J-473X	MG R	47kΩ 1/10W J	
R1670	NRSA02J-0R0X	MG R	0.0Ω 1/10W J	
R1671	NRSA02J-273X	MG R	27kΩ 1/10W J	
R1672	NRSA02J-122X	MG R	1.2kΩ 1/10W J	
R1673	NRSA02J-103X	MG R	10kΩ 1/10W J	
R1674	NRSA02J-563X	MG R	56kΩ 1/10W J	
R1675	NRSA02J-103X	MG R	10kΩ 1/10W J	
R1676	NRSA02J-273X	MG R	27kΩ 1/10W J	
R1677	NRSA02J-103X	MG R	10kΩ 1/10W J	
R1678	NRSA02J-563X	MG R	56kΩ 1/10W J	
R1679	NRSA02J-103X	MG R	10kΩ 1/10W J	
R1680	NRSA02J-273X	MG R	27kΩ 1/10W J	
R1682	NRSA02J-103X	MG R	10kΩ 1/10W J	
R1683	NRSA02J-562X	MG R	5.6kΩ 1/10W J	
R1684	NRSA02J-473X	MG R	47kΩ 1/10W J	
R1689-90	NRSA02J-103X	MG R	10kΩ 1/10W J	
R1691-92	NRSA02J-123X	MG R	12kΩ 1/10W J	
R1693-94	NRSA02J-103X	MG R	10kΩ 1/10W J	
R1700	NRSA02J-0R0X	MG R	0.0Ω 1/10W J	
R1701	NRSA02J-104X	MG R	100kΩ 1/10W J	
R1702	NRSA02J-823X	MG R	82kΩ 1/10W J	
R1703-06	NRSA02J-102X	MG R	1kΩ 1/10W J	
R1707	NRSA02J-103X	MG R	10kΩ 1/10W J	
R1708	NRSA02J-102X	MG R	1kΩ 1/10W J	
R1709	NRSA02J-103X	MG R	10kΩ 1/10W J	
R1710	NRSA02J-821X	MG R	820Ω 1/10W J	
R1711	NRSA02J-102X	MG R	1kΩ 1/10W J	
R1713-14	NRSA02J-103X	MG R	10kΩ 1/10W J	
R1716	NRSA02J-103X	MG R	10kΩ 1/10W J	
R1718	NRSA02J-102X	MG R	1kΩ 1/10W J	
R1719	NRSA02J-101X	MG R	100Ω 1/10W J	
R1720	NRSA02J-102X	MG R	1kΩ 1/10W J	
R1721-23	NRSA02J-472X	MG R	4.7kΩ 1/10W J	
R1724-26	NRSA02J-821X	MG R	820Ω 1/10W J	
R1727	NRSA02J-153X	MG R	15kΩ 1/10W J	
R1728	NRSA02J-103X	MG R	10kΩ 1/10W J	
R1729	NRSA02J-683X	MG R	68kΩ 1/10W J	
R1730	NRSA02J-223X	MG R	22kΩ 1/10W J	
R1731	NRSA02J-562X	MG R	5.6kΩ 1/10W J	
R1732	NRSA02J-103X	MG R	10kΩ 1/10W J	
R1733	NRSA02J-222X	MG R	2.2kΩ 1/10W J	
R1734	NRSA02J-103X	MG R	10kΩ 1/10W J	
R1735-36	NRSA02J-682X	MG R	6.8kΩ 1/10W J	
R1738	NRSA02J-183X	MG R	18kΩ 1/10W J	
R1739	NRSA02J-331X	MG R	330Ω 1/10W J	
R1740-42	NRSA02J-103X	MG R	10kΩ 1/10W J	
R1743	NRSA02J-222X	MG R	2.2kΩ 1/10W J	
R1744-46	NRSA02J-103X	MG R	10kΩ 1/10W J	
R1747	NRSA02J-102X	MG R	1kΩ 1/10W J	
R1748	NRSA02J-103X	MG R	10kΩ 1/10W J	
R1751-52	NRSA02J-103X	MG R	10kΩ 1/10W J	
R1753	NRSA02J-472X	MG R	4.7kΩ 1/10W J	
R1754	NRSA02J-103X	MG R	10kΩ 1/10W J	
R1755	NRSA02J-472X	MG R	4.7kΩ 1/10W J	
R1756-57	NRSA02J-103X	MG R	10kΩ 1/10W J	
R1758-59	NRSA02J-221X	MG R	220Ω 1/10W J	
R1760	NRSA02J-102X	MG R	1kΩ 1/10W J	
R1761-65	NRSA02J-221X	MG R	220Ω 1/10W J	
R1766	NRSA02J-103X	MG R	10kΩ 1/10W J	
R1767	NRSA02J-104X	MG R	100kΩ 1/10W J	
R1768	NRSA02J-823X	MG R	82kΩ 1/10W J	
R1770	NRSA02J-103X	MG R	10kΩ 1/10W J	
R1771	NRSA02J-392X	MG R	3.9kΩ 1/10W J	
R1772-74	NRSA02J-103X	MG R	10kΩ 1/10W J	
R1775-76	NRSA02J-563X	MG R	56kΩ 1/10W J	
R1777	NRSA02J-223X	MG R	22kΩ 1/10W J	
R1778	NRSA02J-103X	MG R	10kΩ 1/10W J	
R1779	NRSA02J-333X	MG R	33kΩ 1/10W J	
R1780	NRSA02J-104X	MG R	100kΩ 1/10W J	
R1782	NRSA02J-0R0X	MG R	0.0Ω 1/10W J	

△ Symbol No.	Part No.	Part Name	Description
RESISTOR			
R1784-86	NRSA02J-333X	MG R	33kΩ 1/10W J
R1787	NRSA02J-103X	MG R	10kΩ 1/10W J
R1788	NRSA02J-123X	MG R	12kΩ 1/10W J
R1789	NRSA02J-OR0X	MG R	0.0Ω 1/10W J
R1791	NRSA02J-103X	MG R	10kΩ 1/10W J
R1792	NRSA02J-OR0X	MG R	0.0Ω 1/10W J
R1793	NRSA02J-102X	MG R	1kΩ 1/10W J
R1794	NRSA02J-152X	MG R	1.5kΩ 1/10W J
R1795	NRSA02J-102X	MG R	1kΩ 1/10W J
R1796	NRSA02J-103X	MG R	10kΩ 1/10W J
R1797	NRSA02J-102X	MG R	1kΩ 1/10W J
R1820	NRSA02J-332X	MG R	3.3kΩ 1/10W J
R1880-82	NRSA02J-102X	MG R	1kΩ 1/10W J
R1883	NRSA02J-473X	MG R	47kΩ 1/10W J
R1884-86	NRSA02J-103X	MG R	10kΩ 1/10W J
R1888-89	NRSA02J-103X	MG R	10kΩ 1/10W J
R1890	NRSA02J-221X	MG R	220Ω 1/10W J
R1891	NRSA02J-273X	MG R	27kΩ 1/10W J
R1892-96	NRSA02J-221X	MG R	220Ω 1/10W J
R1897	QRG029J-220	OM R	22 Ω 2W J
R1901	NRSA02J-101X	MG R	100Ω 1/10W J
R1902	NRSA02J-223X	MG R	22kΩ 1/10W J
R1903	NRSA02J-472X	MG R	4.7kΩ 1/10W J
R1904	NRSA02J-223X	MG R	22kΩ 1/10W J
R1905	NRSA02J-102X	MG R	1kΩ 1/10W J
CAPACITOR			
C1001	NCB21HK-104X	CHIP CAP.	0.1μF 50V K
C1002	QETN1HM-107Z	E CAP.	100μF 50V M
C1003	NCB21HK-104X	CHIP CAP.	0.1μF 50V K
C1004	QETN1CM-107Z	E CAP.	100μF 16V M
C1005	NCB21HK-104X	CHIP CAP.	0.1μF 50V K
C1006	QETN1CM-227Z	E CAP.	220μF 16V M
C1007	NCB21HK-222X	C CAP.	2200pF 50V K
C1008	QETN1HM-106Z	E CAP.	10μF 50V M
C1101-02	QETN1CM-107Z	E CAP.	100μF 16V M
C1104	QETN1EM-476Z	E CAP.	47μF 25V M
C1105	QENC1HM-474Z	BP E CAP.	0.47μF 50V M
C1106	QETN1HM-106Z	E CAP.	10μF 50V M
C1107	QETN1AM-227Z	E CAP.	220μF 10V M
C1121-22	NCB21HK-103X	C CAP.	0.01μF 50V K
C1123	QETN1EM-476Z	E CAP.	47μF 25V M
C1124-25	NCB21HK-103X	C CAP.	0.01μF 50V K
C1128	QETN1CM-107Z	E CAP.	100μF 16V M
C1129	QETN1EM-476Z	E CAP.	47μF 25V M
C1130	NCB21HK-103X	C CAP.	0.01μF 50V K
C1131	QETN1EM-476Z	E CAP.	47μF 25V M
C1132	NCB21HK-103X	C CAP.	0.01μF 50V K
C1134	NCB21HK-103X	C CAP.	0.01μF 50V K
C1135	NDC21HJ-181X	C CAP.	180pF 50V J
C1136-39	NCB21HK-103X	C CAP.	0.01μF 50V K
C1140	QETN1EM-476Z	E CAP.	47μF 25V M
C1141	NCB21HK-103X	C CAP.	0.01μF 50V K
C1151	QETN1AM-227Z	E CAP.	220μF 10V M
C1152	NCB21HK-103X	C CAP.	0.01μF 50V K
C1153	QETN1HM-107Z	E CAP.	100μF 10V M
C1154	NDC21HJ-121X	C CAP.	120μF 50V J
C1155	QETN1EM-476Z	E CAP.	47μF 25V M
C1161	QETN1EM-476Z	E CAP.	47μF 25V M
C1163	QETN1EM-476Z	E CAP.	47μF 25V M
C1171	NDC21HJ-221X	C CAP.	220pF 50V J
C1172	NDC21HJ-560X	C CAP.	56pF 50V J
C1173	NDC21HJ-221X	C CAP.	220pF 50V J
C1174	NDC21HJ-121X	C CAP.	120pF 50V J
C1192	QETN1CM-227Z	E CAP.	220μF 16V M
C1193	NCB21HK-103X	C CAP.	0.01μF 50V K
C1201	QETN1CM-227Z	E CAP.	220μF 16V M
C1202	NCB21HK-102X	C CAP.	1000pF 50V K
C1203-04	QETN1HM-105Z	E CAP.	1μF 50V M
C1205-06	QETN1HM-106Z	E CAP.	10μF 50V M

△ Symbol No.	Part No.	Part Name	Description
CAPACITOR			
C1207	QETN1CM-227Z	E CAP.	220μF 16V M
C1211	NCB21HK-102X	C CAP.	1000pF 50V K
C1212-13	QETN1HM-105Z	E CAP.	1μF 50V M
C1214-15	QETN1HM-106Z	E CAP.	10μF 50V M
C1216-17	QETN1HM-105Z	E CAP.	1μF 50V M
C1218-19	QETN1EM-476Z	E CAP.	47μF 25V M
C1220	QETN1HM-105Z	E CAP.	1μF 50V M
C1221-22	QETN1CM-107Z	E CAP.	100μF 16V M
C1223-24	QETN1HM-105Z	E CAP.	1μF 50V M
C1231-33	QETN1EM-476Z	E CAP.	47μF 25V M
C1234	NCB21HK-102X	C CAP.	1000pF 50V K
C1301	QETN1CM-227Z	E CAP.	220μF 16V M
C1302	NCB21HK-104X	CHIP CAP.	0.1μF 50V K
C1303	QETN1EM-476Z	E CAP.	47μF 25V M
C1304	QENC1CM-476Z	BP E CAP.	47μF 16V M
C1305	QETN1HM-226Z	E CAP.	22μF 50V M
C1306	NCB21HK-223X	C CAP.	0.022μF 50V K
C1307-08	QENC1HM-105Z	BP E CAP.	1μF 50V M
C1309	NDC21HJ-390X	C CAP.	39pF 50V J
C1311-13	NCB21HK-104X	CHIP CAP.	0.1μF 50V K
C1314	NCB21HK-222X	C CAP.	2200pF 50V K
C1315	NCB21CK-474X	C CAP.	0.47μF 16V K
C1316	NCB21HK-104X	CHIP CAP.	0.1μF 50V K
C1317	NCB21EK-154X	C CAP.	0.15μF 25V K
C1318	NCB21HK-104X	CHIP CAP.	0.1μF 50V K
C1319	NCB21HK-332X	C CAP.	3300pF 50V K
C1320	NCB21HK-104X	CHIP CAP.	0.1μF 50V K
C1321-22	NDC21HJ-150X	C CAP.	15pF 50V J
C1323	NCB21HK-104X	CHIP CAP.	0.1μF 50V K
C1325-26	NCB21HK-104X	CHIP CAP.	0.1μF 50V K
C1327	QETN1CM-227Z	E CAP.	220μF 16V M
C1328-32	NCB21HK-104X	CHIP CAP.	0.1μF 50V K
C1342-44	NDC21HJ-220X	C CAP.	22pF 50V J
C1345	NDC21HJ-121X	C CAP.	120pF 50V J
C1362	NDC21HJ-330X	C CAP.	33pF 50V J
C1363-65	QETN1HM-106Z	E CAP.	10μF 50V M
C1381-84	QETN1EM-476Z	E CAP.	47μF 25V M
C1387-88	QETN1EM-476Z	E CAP.	47μF 25V M
C1389-90	QETNOJM-228Z	E CAP.	2200μF 6.3V M
C1392	NDC21HJ-680X	C CAP.	68pF 50V J
C1396-98	NCB21HK-104X	CHIP CAP.	0.1μF 50V K
C1403	QFLC2AJ-104Z	M CAP.	0.1μF 100V J
C1404	NCB21HK-104X	CHIP CAP.	0.1μF 50V K
C1405	NDC21HJ-820X	C CAP.	82pF 50V J
C1406	QETM1VM-108	E CAP.	1000μF 35V M
C1408	QETM1VM-337Z	E CAP.	330μF 35V M
C1409-10	QFV71HJ-474Z	MF CAP.	0.47μF 50V J
C1412	QFLC2AJ-104Z	M CAP.	0.1μF 100V J
C1417-18	QETN1CM-108Z	E CAP.	1000μF 16V M
C1419	NCB21HK-682X	C CAP.	6800pF 50V K
C1461	QETN1HM-226Z	E CAP.	22μF 50V M
C1551-52	NCB21CK-224X	C CAP.	0.22μF 16V K
C1553	QETN1EM-476Z	E CAP.	47μF 25V M
C1554-55	NCB21CK-224X	C CAP.	0.22μF 16V K
C1601-02	QDC21HJ-2R0Z	C CAP.	2.0pF 50V J
C1603-04	NCB21HK-103X	C CAP.	0.01μF 50V K
C1605-06	QETN1HM-106Z	E CAP.	10μF 50V M
C1607-08	NCF21EZ-104X	C CAP.	0.1μF 25V Z
C1609-12	QETN1HM-105Z	E CAP.	1μF 50V M
C1613-14	NDC21HJ-471X	C CAP.	470pF 50V J
C1615	NCF21EZ-104X	C CAP.	0.1μF 25V Z
C1616-18	QETN1HM-106Z	E CAP.	10μF 50V M
C1619	NCF21EZ-104X	C CAP.	0.1μF 25V Z
C1620	QETN1HM-106Z	E CAP.	10μF 50V M
C1621-24	NCB21HK-102X	C CAP.	1000pF 50V K
C1625-26	NDC21HJ-391X	C CAP.	390pF 50V J
C1627-28	NCB21HK-102X	C CAP.	1000pF 50V K
C1629	NCB21HK-103X	C CAP.	0.01μF 50V K
C1630	NCF21EZ-104X	C CAP.	0.1μF 25V Z
C1631	QETN1CM-107Z	E CAP.	100μF 16V M
C1632	NCF21EZ-104X	C CAP.	0.1μF 25V Z
C1643	QETN1HM-105Z	E CAP.	1μF 50V M

△	Symbol No.	Part No.	Part Name	Description		
CAPACITOR						
C1644-45	NDC21HJ-470X	C CAP.	47pF	50V	J	
C1646	NDC21HJ-820X	C CAP.	82pF	50V	J	
C1647	NCB21HK-472X	C CAP.	4700pF	50V	K	
C1648	NDC21HJ-180X	C CAP.	18pF	50V	J	
C1651-53	QETN1HM-105Z	E CAP.	1μF	50V	M	
C1654	QETN1HM-107Z	E CAP.	100μF	50V	M	
C1655	QETN1HM-106Z	E CAP.	10μF	50V	M	
C1656-57	NCF21HZ-224X	C CAP.	0.22μF	50V	Z	
C1658	QETN1HM-228	E CAP.	2200μF	50V	M	
C1659-62	NCF21HZ-224X	C CAP.	0.22μF	50V	Z	
C1663-65	QETN1VM-108	E CAP.	1000μF	35V	M	
C1667	QETN1CM-227Z	E CAP.	220μF	16V	M	
C1668-69	QETN1HM-105Z	E CAP.	1μF	50V	M	
C1670	QETN1HM-106Z	E CAP.	10μF	50V	M	
C1671	QETN1EM-476Z	E CAP.	47μF	25V	M	
C1672	NDC21HJ-100X	C CAP.	10pF	50V	J	
C1673	QETN1HM-105Z	E CAP.	1μF	50V	M	
C1674	NDC21HJ-100X	C CAP.	10pF	50V	J	
C1675	QETN1HM-105Z	E CAP.	1μF	50V	M	
C1679	QETN1HM-106Z	E CAP.	10μF	50V	M	
C1680-81	NCB21HJ-221X	C CAP.	220pF	50V	J	
C1682	QETN1CM-227Z	E CAP.	220μF	16V	M	
C1701	NCB21HJ-471X	C CAP.	470pF	50V	J	
C1702	NCB21HK-682X	C CAP.	6800pF	50V	K	
C1703	NCB21HK-104X	CHIP CAP.	0.1μF	50V	K	
C1704	QETN1AM-107Z	E CAP.	100μF	10V	M	
C1705-06	NCB21HJ-9R0X	C CAP.	9.0pF	50V	J	
C1707	NCB21HK-104X	CHIP CAP.	0.1μF	50V	K	
C1708	NCB21HK-333X	C CAP.	0.033μF	50V	K	
C1709	NCB21HK-104X	CHIP CAP.	0.1μF	50V	K	
C1710	QETN1EM-476Z	E CAP.	47μF	25V	M	
C1711	NCB21HK-104X	CHIP CAP.	0.1μF	50V	K	
C1712	NCB21HK-333X	C CAP.	0.033μF	50V	K	
C1713	NCB21HK-104X	CHIP CAP.	0.1μF	50V	K	
C1714	QETN1HM-474Z	E CAP.	0.47μF	50V	M	
C1715	QETN1EM-476Z	E CAP.	47μF	25V	M	
C1717	QETN1HM-106Z	E CAP.	10μF	50V	M	
C1718	NCB21HJ-471X	C CAP.	470pF	50V	J	
C1719	NCF21CZ-105X	C CAP.	1μF	16V	Z	
C1720	NCB21HK-102X	C CAP.	1000pF	50V	K	
C1757	NCS21HJ-471X	C CAP.	470pF	50V	J	
C1758	QETN1AM-227Z	E CAP.	220μF	10V	M	
C1759	NCB21HK-104X	CHIP CAP.	0.1μF	50V	K	
C1760-61	NCB21HJ-150X	C CAP.	15pF	50V	J	
C1762	NCB21HK-104X	CHIP CAP.	0.1μF	50V	K	
C1763	QETN1EM-476Z	E CAP.	47μF	25V	M	
C1764	NCB21HK-104X	CHIP CAP.	0.1μF	50V	K	
C1766-68	NCB21HK-104X	CHIP CAP.	0.1μF	50V	K	
C1769-71	QETN1HM-106Z	E CAP.	10μF	50V	M	
C1772	QETN1EM-476Z	E CAP.	47μF	25V	M	
C1773	QETN1CM-107Z	E CAP.	100μF	16V	M	
C1774	NDC21HJ-151X	C CAP.	150pF	50V	J	
C1780	NCB21HK-104X	CHIP CAP.	0.1μF	50V	K	
C1781	NDC21HJ-101X	C CAP.	100pF	50V	J	
C1782	NCB21HK-102X	C CAP.	1000pF	50V	K	
C1783	NDC21HJ-151X	C CAP.	150pF	50V	J	
C1784	QETN1CM-227Z	E CAP.	220μF	16V	M	
C1785	NCB21HK-102X	C CAP.	1000pF	50V	K	
C1901	QETN1CM-107Z	E CAP.	100μF	16V	M	
C1902	QETN1HM-106Z	E CAP.	10μF	50V	M	

TRANSFORMER			
T1101	CE42697-001	LOWPASS FILTER	
T1111	CE42697-001	LOWPASS FILTER	
T1121	CE42697-001	LOWPASS FILTER	

COIL			
L1001-02	QQL01BK-8R2Z	PEAKING COIL	8.2μH
L1003	QQL01BK-221Z	PEAKING COIL	220μH
L1004	QQL01BK-5R6Z	PEAKING COIL	5.6μH

△	Symbol No.	Part No.	Part Name	Description		
COIL						
L1101	QRN143J-0ROX	C R	0.0Ω	1/4W	J	
L1102-05	QQL03BJ-220Z	PEAKING COIL	22μH			
L1111	QQL03BJ-220Z	PEAKING COIL	22μH			
L1121	QQL03BJ-330Z	PEAKING COIL	33μH			
L1301	QQL01BK-390Z	PEAKING COIL	39μH			
L1302	NQL024J-5R6X	COIL	5.6μH			
L1601-02	QRN143J-0ROX	C R	0.0Ω	1/4W	J	
L1604	QQL01BJ-180Z	PEAKING COIL	18μH			
L1605	QQL01BJ-220Z	PEAKING COIL	22μH			
L1701	QQL01BK-4R7Z	PEAKING COIL	4.7μH			
L1702	QQL01BK-3R9Z	PEAKING COIL	3.9μH			
L1752	QRN143J-0ROX	C R	0.0Ω	1/4W	J	
L1753	QQL01BK-4R7Z	PEAKING COIL	4.7μH			
DIODE						
D1201-11	MA3130/H/-X	ZENER DIODE				
D1214-15	MA3130/H/-X	ZENER DIODE				
D1402	BYD33D-T3	SI.DIODE				
D1403-04	MA3330/L/-X	ZENER DIODE				
D1461	MA111-X	SI.DIODE				
D1462	MA3220/M/-X	ZENER DIODE				
D1502	MA111-X	SI.DIODE				
D1504	MA111-X	SI.DIODE				
D1653-55	MA3330/L/-X	ZENER DIODE				
D1658	MA153A-X	SI.DIODE				
D1660	MA111-X	SI.DIODE				
D1661	MA153A-X	SI.DIODE				
D1664-65	MA111-X	SI.DIODE				
D1666	MA3062/M/-X	ZENER DIODE				
D1667-68	MA3150/M/-X	ZENER DIODE				
D1701-02	MA111-X	SI.DIODE				
D1704	1SS244-T2	SI.DIODE				
D1708	MA111-X	SI.DIODE				
D1709	MA3068/M/-X	ZENER DIODE				
D1712	MA111-X	SI.DIODE				
D1751-53	MA111-X	SI.DIODE				
D1754	MA3062/M/-X	ZENER DIODE				
D1771-74	MA3056/M/-X	ZENER DIODE				
D1901	MA3130/H/-X	ZENER DIODE				
TRANSISTOR						
Q1101-04	2SC2412K/QR/-X	SI.TRANSISTOR				
Q1111	2SC2412K/QR/-X	SI.TRANSISTOR				
Q1112	2SA1037AK/QR/-X	SI.TRANSISTOR				
Q1113-14	2SC2412K/QR/-X	SI.TRANSISTOR				
Q1121	2SC2412K/QR/-X	SI.TRANSISTOR				
Q1122	2SA1037AK/QR/-X	SI.TRANSISTOR				
Q1123-24	2SC2412K/QR/-X	SI.TRANSISTOR				
Q1131-32	2SC2412K/QR/-X	SI.TRANSISTOR				
Q1201-02	2SC2712/YG/-X	SI.TRANSISTOR				
Q1203	2SC1815/YG/-T	SI.TRANSISTOR				
Q1204-05	2SC2712/YG/-X	SI.TRANSISTOR				
Q1206-07	DTC323TK-X	DIGI.TRANSISTOR				
Q1208	2SA1162/YG/-X	SI.TRANSISTOR				
Q1209	2SA1015/YG/-T	SI.TRANSISTOR				
Q1211	2SA1162/YG/-X	SI.TRANSISTOR				
Q1213-14	2SC2712/YG/-X	SI.TRANSISTOR				
Q1215-16	DTC323TK-X	DIGI.TRANSISTOR				
Q1217	2SA1162/YG/-X	SI.TRANSISTOR				
Q1220-21	2SC2712/YG/-X	SI.TRANSISTOR				
Q1301	2SA1162/YG/-X	SI.TRANSISTOR				
Q1303-04	2SA1162/YG/-X	SI.TRANSISTOR				
Q1305	2SC2712/YG/-X	SI.TRANSISTOR				
Q1345	DTC124EKA-X	DIGI.TRANSISTOR				
Q1346	2SC2712/YG/-X	SI.TRANSISTOR				
Q1351	DTC124EKA-X	DIGI.TRANSISTOR				
Q1381-83	2SC2712/YG/-X	SI.TRANSISTOR				
Q1461-62	2SC2712/YG/-X	SI.TRANSISTOR				
Q1601	DTC323TK-X	DIGI.TRANSISTOR				
Q1602	2SA1162/YG/-X	SI.TRANSISTOR				
Q1603	2SC2712/YG/-X	SI.TRANSISTOR				
Q1654-56	DTC323TK-X	DIGI.TRANSISTOR				
Q1657	2SC2712/YG/-X	SI.TRANSISTOR				

△	Symbol No.	Part No.	Part Name	Description
TRANSISTOR				
	Q1658-60	2SA1162/YG/-X	SI.TRANSISTOR	
	Q1701-08	2SC2712/YG/-X	SI.TRANSISTOR	
	Q1709	2SA1162/YG/-X	SI.TRANSISTOR	
	Q1752	2SA1162/YG/-X	SI.TRANSISTOR	
	Q1753	DTC124EKA-X	DIGI.TRANSISTOR	
	Q1901	2SA1162/YG/-X	SI.TRANSISTOR	
	Q1902	2SC2712/YG/-X	SI.TRANSISTOR	
IC				
	IC1101	TC9090AN	I.C.(DIGI-MOS)	
	IC1301	CXA1545AS	I.C.(MONO-ANA)	
	IC1302	LA7222	I.C.(MONO-ANA)	
	IC1303	TD49143/N3	I.C.(MONO-ANA)	
	IC1304	TD4665/V5	I.C.(MONO-ANA)	
	IC1305	LA7016	I.C.(MONO-ANA)	
	IC1401	LA7841	I.C.(MONO-ANA)	
	IC1551	LA6515	I.C.(MONO-ANA)	
	IC1601	MSP3410D-PP-C5	I.C.(DIGI-OTHER)	
	IC1651	TA8256BH	I.C.(HYBRID)	
	IC1652	BA4558F-X	I.C.(MONO-ANA)	
	IC1701	M37280MK-120SP	I.C.(MICRO-COMP)	
	IC1702	L78LR05E-MA	I.C.(MONO-ANA)	
	IC1703	AT24C1632WFP1	I.C.	(SERVICE)
	IC1754	SDA5275S	I.C.(MICRO-PROC)	
	IC1755	MSM514400D-60ZS	I.C.(D-RAM)	
	IC1756	TC4053BP/N/	I.C.(DIGI-MOS)	
OTHERS				
	CN1002	QGF1220C2-25	FFC/FPC CONNECTO	
	K1001	QRN143J-0R0X	C R	0.0Ω 1/4W J
	K1009	QRN143J-0R0X	C R	0.0Ω 1/4W J
	K1101	QQR0621-002Z	BEADS CORE	
	K1401	QQR0621-002Z	BEADS CORE	
	K1701	QQR0621-002Z	BEADS CORE	
	LC1101	TA78L005AP-T	I.C.(H)	
	LC1601	CE42142-103Z	EMI FILTER	
	TU1001	CEEK481-A04	TUNER	
	W1001-02	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
	X1311	CE40749-001Z	CRYSTAL	
	X1312	CE40668-001Z	CRYSTAL	
	X1601	CE42546-001Z	CRYSTAL	
	X1701	CST8.00MTW	CER.RESONATOR	
	X1752	QAX0351-001Z	CRYSTAL	
	Y1306	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
	Y1312-13	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
	Y1314	NRSA02J-682X	MG R	6.8kΩ 1/10W J
	Y1315-17	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
	Y1328	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
	Y1401	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
	Y1502-05	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
	Y1651-52	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
	Y1654	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
	Y1659-60	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
	Y1750-51	NRSA02J-0R0X	MG R	0.0Ω 1/10W J

POWER / DEF PW BOARD ASS'Y (SMD-2008A-U2)

△	Symbol No.	Part No.	Part Name	Description
RESISTOR				
	R2451	QRE141J-272Y	C R	2.7kΩ 1/4W J
	R2455	QRE141J-102Y	C R	1kΩ 1/4W J
	R2456	QRE141J-473Y	C R	47kΩ 1/4W J
	R2457	QRE141J-103Y	C R	10kΩ 1/4W J
	R2458	QRA14CF-1002Y	MF R	10kΩ 1/4W F
	R2459	QRE141J-391Y	C R	390Ω 1/4W J
	R2461	QRE141J-102Y	C R	1kΩ 1/4W J
	R2463	QRG029J-820	OM R	82 Ω 2W J
	R2464	QRX016J-2R2	MF R	2.2Ω 1W J
	R2465	QRE141J-103Y	C R	10kΩ 1/4W J
	R2468	QRE141J-473Y	C R	47kΩ 1/4W J
	R2470	QRE141J-103Y	C R	10kΩ 1/4W J
	R2501	QRE141J-471Y	C R	470Ω 1/4W J
	R2502	QRE141J-123Y	C R	12kΩ 1/4W J
	R2503	QRE121J-152Y	C R	1.5kΩ 1/2W J
	R2504	QRG039J-272	OM R	2.7kΩ 3W J
	R2505	QRG039J-332	OM R	3.3kΩ 3W J
	R2506	QRE121J-5R6Y	C R	5.6Ω 1/2W J
	R2507	QRC121K-152Z	COMP.R	1.5kΩ 1/2W K
	R2509	QRE141J-563Y	C R	56kΩ 1/4W J
	R2510	QRE141J-333Y	C R	33kΩ 1/4W J
	R2511	QRE141J-102Y	C R	1kΩ 1/4W J
	R2522	QRE121J-471Y	C R	470Ω 1/2W J
△	R2551	QRZ9017-4R7	F R	4.7Ω 1/4W J
△	R2552	QRZ9021-1R0	FUSI.RESISTOR	1 Ω 1W J
△	R2553	QRZ9021-1R0	FUSI.RESISTOR	1 Ω 1W J
	R2554-55	QRE141J-392Y	C R	3.9kΩ 1/4W J
	R2557	QRE121J-272Y	C R	2.7kΩ 1/2W J
	R2561	QRZ0056-103Z	COMP.R	10kΩ 1/2W K
	R2574	QRG029J-220	OM R	22 Ω 2W J
	R2575	QRE121J-123Y	C R	12kΩ 1/2W J
	R2581	QRF154K-4R7	UNF R	4.7Ω 15W K
	R2582	QRE141J-681Y	C R	680Ω 1/4W J
	R2583	QRE121J-682Y	C R	6.8kΩ 1/2W J
	R2584	QRE141J-183Y	C R	18kΩ 1/4W J
	R2585	QRE141J-222Y	C R	2.2kΩ 1/4W J
	R2586	QRA14CF-7501Y	MF R	7.5kΩ 1/4W F
	R2587	QRA14CF-2201Y	MF R	2.2kΩ 1/4W F
	R2588	QRE141J-103Y	C R	10kΩ 1/4W J
	R2901	QRF104K-3R9	UNF R	3.9Ω 10W K
	R2902	QRE121J-331Y	C R	330Ω 1/2W J
	R2903-04	QRE121J-474Y	C R	470kΩ 1/2W J
	R2905	QRLO39J-823	OM R	82kΩ 3W J
	R2906	QRG039J-683	OM R	68kΩ 3W J
△	R2907	QRZ9017-4R7	F R	4.7Ω 1/4W J
	R2908	QRE121J-152Y	C R	1.5kΩ 1/2W J
	R2909	QRT029J-R39	MF R	0.39Ω 2W J
	R2910	QRM059J-R15	MP R	0.15Ω 5W J
	R2911	QRE121J-681Y	C R	680Ω 1/2W J
	R2912	QRE121J-332Y	C R	3.3kΩ 1/2W J
	R2913	QRLO39J-823	OM R	82kΩ 3W J
	R2923	QRE121J-102Y	C R	1kΩ 1/2W J
	R2951	QRF074J-102	UNF R	1kΩ 7W J
	R2952	QRG029J-103	OM R	10kΩ 2W J
	R2953	QRG029J-183	OM R	18kΩ 2W J
	R2954	QRE141J-330Y	C R	33Ω 1/4W J
	R2955	QRE141J-681Y	C R	680Ω 1/4W J
	R2956	QRX029J-R47	MF R	0.47 Ω 2W J
	R2957	QRG029J-100	OM R	10 Ω 2W J
	R2960	QRE141J-153Y	C R	15kΩ 1/4W J
	R2961	QRE141J-182Y	C R	1.8kΩ 1/4W J
	R2962	QRE141J-153Y	C R	15kΩ 1/4W J
	R2963	QRE141J-682Y	C R	6.8kΩ 1/4W J
	R2968	QRE141J-103Y	C R	10kΩ 1/4W J
	R2969	QRE141J-682Y	C R	6.8kΩ 1/4W J
	R2970	QRE141J-822Y	C R	8.2kΩ 1/4W J
	R2971	QRE141J-682Y	C R	6.8kΩ 1/4W J
	R2983	QRE141J-122Y	C R	1.2kΩ 1/4W J
	R2984	QRE141J-104Y	C R	100kΩ 1/4W J
	R2985-86	QRE141J-103Y	C R	10kΩ 1/4W J
	R2987	QRE121J-680Y	C R	68Ω 1/2W J
△	R2991	QRZ0057-825	C R	8.2MΩ 1W J

△	Symbol No.	Part No.	Part Name	Description	△	Symbol No.	Part No.	Part Name	Description
CAPACITOR									
C2451	QCS31HJ-470Z	C CAP.	47pF	50V J	T2501	QQR1111-001	DRIVE TRANSF.		
C2452	QFV1HJ-104Z	MF CAP.	0.1μF	50V J	T2521	QQR0706-001	PINC.TRANSF.		
C2453	QETN1EM-476Z	E CAP.	47μF	25V M	△ T2551	QOH0054-002-I2	HVT	(SERVICE)	
C2454	QETN1HM-106Z	E CAP.	10μF	50V M	T2561	QQR1096-001	DEF.TRANSF.		
C2455	QFLC1HJ-102Z	M CAP.	1000pF	50V J	△ T2901	CETSL29-001J4	SW TRANSF.		
C2456	QFM72DJ-122Z	M CAP.	1200pF	200V J	△ T2921	QQT0147-001	POWER TRANSF.		
C2457	QFM72DJ-152Z	M CAP.	1500pF	200V J					
C2458	QEZO472-106Z	E CAP.	10μF	250V M					
C2459	QCZ0120-104Z	C CAP.	0.1μF	25V Z	TRANSFORMER				
C2460	QFP31HJ-272Z	PP CAP.	2700pF	50V J	T2501	QQR1111-001	DRIVE TRANSF.		
C2461	QFLC1HJ-182Z	M CAP.	1800pF	50V J	T2521	QQR0706-001	PINC.TRANSF.		
C2501	QCB32HK-331Z	C CAP.	330pF	500V K	△ T2551	QOH0054-002-I2	HVT	(SERVICE)	
C2502	QFM72DK-103	M CAP.	0.01μF	200V K	T2561	QQR1096-001	DEF.TRANSF.		
C2503	QFV71HJ-224Z	MF CAP.	0.22μF	50V J	△ T2901	CETSL29-001J4	SW TRANSF.		
△ C2521	QFZ0122-112	MPP CAP.	1100pF	1.8KVH ±3%	△ T2921	QQT0147-001	POWER TRANSF.		
△ C2522	QFZ0200-113	MPP CAP.	0.011μF	1.5KVH ±3%					
C2523	QFM72DK-393	M CAP.	0.039μF	200V K	COIL				
△ C2524	QFP32JJ-223	PP CAP.	0.022μF	J	L2451	QL43AJ-332	CHOKE COIL		
C2525	QFZ0194-914	MPP CAP.	0.91μF	250V J	L2452	QLZ020-801	CHOKE COIL		
C2526	QFZ0199-114	MPP CAP.	0.11μF	250V J	L2521	QLZ025-180	CHOKE COIL		
C2527	QFZ0194-154	MPP CAP.	0.15μF	250V J	L2522	QQR0961-001	LINEARITY COIL		
C2528	QFZ0199-114	MPP CAP.	0.11μF	250V J	L2551	QLZ026-540	HEATER CHOKE		
C2529	QCB32HK-561Z	C CAP.	560pF	500V K	L2561	QL43AJ-222	CHOKE COIL	2200μH	
C2530	QFZ0194-154	MPP CAP.	0.15μF	250V J	△ L2901-02	QL401K-100Z	CHOKE COIL		
C2532	QETM2CM-227	E CAP.	220μF	160V M	L2903	QQR1036-001	CHOKE COIL		
C2551	QCB32HK-152Z	C CAP.	1500pF	500V K	DIODE				
C2552	QETN1CM-108Z	E CAP.	1000μF	16V M	D2451	ISS133-T2	SI.DIODE		
C2553	QCB32HK-152Z	C CAP.	1500pF	500V K	D2454	BYD33D-T3	SI.DIODE		
C2554	QETN1CM-108Z	E CAP.	1000μF	16V M	D2501	ISS81-T5	SI.DIODE		
C2555	QENC1HM-225Z	BP E CAP.	2.2μF	50V M	D2502	ISS133-T2	SI.DIODE		
C2556	QCB32HK-102Z	C CAP.	1000pF	500V K	D2503	MTZJ15B-T2	ZENER DIODE		
C2557	QETN2EM-106Z	E CAP.	10μF	250V M	D2521	V11CA-C1	SI.DIODE		
C2565	QFLC2AJ-223Z	M CAP.	0.022μF	100V J	D2522	FMV-3FU-F1	SI.DIODE		
C2581	QETN1CM-107Z	E CAP.	100μF	16V M	D2551-52	BYW95B-20	SI.DIODE		
C2582	QETN1EM-476Z	E CAP.	47μF	25V M	D2553	BYD33G-T3	SI.DIODE		
C2583	QETN2AM-106Z	E CAP.	10μF	100V M	D2554	MTZJ4.7A-T2	ZENER DIODE		
C2584	QETN1AM-227Z	E CAP.	220μF	10V M	D2555-56	BYD33G-T3	SI.DIODE		
C2585	QFZ0194-534	MPP CAP.	0.53μF	250V J	D2581	MTZJ15B-T2	ZENER DIODE		
△ C2901	QFZ0904-473	MF CAP.	0.047μF	275V M	D2582	MTZJ7.5B-T2	ZENER DIODE		
△ C2902	QCZ9054-472	C CAP.	4700pF	AC250V Z	D2583	MTZJ7.5S-T2	ZENER DIODE		
△ C2903	QCZ9054-472	C CAP.	4700pF	AC250V Z	D2584	BYD33G-T3	SI.DIODE		
△ C2904	QCZ9054-472	C CAP.	4700pF	AC250V Z	△ D2901	D3SB60	BRIDGE DIODE		
C2905	QFZ0199-227	E CAP.	220μF	400V M	D2902	BYD33M-T3	SI.DIODE		
C2906	QCB32HK-103	C CAP.	0.01μF	500V K	△ D2903	BYD33D-T3	SI.DIODE		
C2907	QZC0122-391	C CAP.	390pF	2kV K	D2904	BYD33D-T3	SI.DIODE		
C2908	QETN1HM-476Z	E CAP.	47μF	50V M	D2905	ISS133-T2	SI.DIODE		
C2909	QCB31HK-102Z	C CAP.	1000pF	50V K	D2907	MTZJ15B-T2	ZENER DIODE		
C2910	QZC0122-561	C CAP.	560pF	2kV K	D2921-24	1N4003-T2	SI.DIODE		
C2912	QCB31HK-561Z	C CAP.	560pF	50V K	D2925	MTZJ10B-T2	ZENER DIODE		
C2921	QETN1EM-227Z	E CAP.	220μF	25V M	D2951	RU4B-F1	SI.DIODE		
C2922-23	QETN1HM-106Z	E CAP.	10μF	50V M	D2953	FMX-G12S	SI.DIODE		
C2951	QEZ0203-227	E CAP.	220μF	160V M	D2954	BYW95B-20	SI.DIODE		
C2952	QEHQ1CM-228	E CAP.	2200μF	16V M	D2955	SF6L20U	SI.DIODE		
C2953-54	QEHQ1CM-228	E CAP.	2200μF	16V M	D2956-57	FMX-G12S	SI.DIODE		
C2955	QEHR1CM-477Z	E CAP.	470μF	16V M	D2958	BYD33M-T3	SI.DIODE		
C2956	QEHQ1VM-228	E CAP.	2200μF	35V M	D2959	RK44-LFT4	SI.DIODE		
C2957-58	QETM1EM-338	E CAP.	3300μF	25V M	D2960	MTZJ33B-T2	ZENER DIODE		
C2959-60	QCB32HK-102Z	C CAP.	1000pF	500V K	D2961-62	ISS133-T2	SI.DIODE		
C2966	QFLC1HJ-103Z	M CAP.	0.01μF	50V J	D2964-66	ISS133-T2	SI.DIODE		
C2967	QEHQ1CM-228	E CAP.	2200μF	16V M	D2981-82	ISS133-T2	SI.DIODE		
C2968	QCZ0120-104Z	C CAP.	0.1μF	25V Z	TRANSISTOR				
C2970	QEHR1CM-227Z	E CAP.	220μF	16V M	Q2452	2SK2459N-F54	F.E.T.		
C2972-73	QEHR1AM-477Z	E CAP.	470μF	10V M	Q2501	BSN304-T	F.E.T.		
C2974-75	QEZO256-128	E CAP.	1200μF	10V M	Q2502	2SC1815/YG/-T	SI.TRANSISTOR		
C2976	QETN1AM-227Z	E CAP.	220μF	10V M	△ Q2521	2SC5552-RL	SI.TRANSISTOR	H.OUT	
C2977	QFV71HJ-684Z	MF CAP.	0.68μF	50V J	Q2581	2SA949/Y/Z1-T	SI.TRANSISTOR		
C2978	QCZ0122-471	C CAP.	470pF	2kV K	Q2582	DTC144ESA-T	DIGI.TRANSISTOR		
△ C2991	QCZ9079-332	C CAP.	3300pF	AC250V K	Q2583	2SC1815/YG/-T	SI.TRANSISTOR		
△ C2992	QCZ9079-471	C CAP.	470pF	AC250V K	Q2921	2SC2655/Y-T	SI.TRANSISTOR		
					Q2981-82	2SC1815/YG/-T	SI.TRANSISTOR		

△	Symbol No.	Part No.	Part Name	Description
IC				
IC2451	BA10393	IC		
IC2901	STR-F6668B	IC		
IC2951	SE140N	I.C. (HYBRID)		
IC2952	BA12T	I.C. (MONO-ANA)		
IC2953	SI-8050S	I.C. (HYBRID)		
IC2954	BA033T	I.C. (MONO-ANA)		
IC2955	UPC2409AHF	I.C. (MONO-ANA)		
IC2956	BA08T	IC		

OTHERS

△	Symbol No.	Part No.	Part Name	Description
△	CP2953	ICP-N75-Y	I.C. PROTECT	
△	CP2954	QMFZ034-4R0Z-J1	FUSE	4A
△	CP2955	QMFZ034-4R0Z-J1	FUSE	4A
K2521	CE41832-001	LEAD CORE		
K2523-25	CE41832-001	LEAD CORE		
K2901-02	CE42050-001Z	CORE		
K2951	QQR0679-001	FERRITE BEADS		
K2952	QQR0621-002Z	BEADS CORE		
K2953	QQR0716-001Z	LEAD CORE		
△	PC2901	TLT721F(D4-GR)	I.C. (PH.COUPLER)	
△	RY2981	QSK0086-001	RELAY	
△	TH2901	QAD0120-9R0	P.THERMISTOR	

CRT SOCKET PW BOARD ASS'Y (SMD-3005A-U2)

△	Symbol No.	Part No.	Part Name	Description
RESISTOR				
R3101	QRE141J-272Y	C R	2.7kΩ 1/4W J	
R3102	QRE141J-153Y	C R	15kΩ 1/4W J	
R3103	QRE141J-152Y	C R	1.5kΩ 1/4W J	
R3104	QRE141J-680Y	C R	68Ω 1/4W J	
R3105	QRE141J-221Y	C R	220Ω 1/4W J	
R3107-08	QRE141J-470Y	C R	47Ω 1/4W J	
△	R3109	QRZ9021-561	F R	560Ω 1W J
R3110	QRE141J-122Y	C R	1.2kΩ 1/4W J	
R3111	QRE141J-390Y	C R	39Ω 1/4W J	
R3112	QRE141J-2R7Y	C R	2.7Ω 1/4W J	
R3113-14	QRE141J-563Y	C R	56kΩ 1/4W J	
R3115	QRE141J-122Y	C R	1.2kΩ 1/4W J	
R3116	QRE141J-2R7Y	C R	2.7Ω 1/4W J	
R3117	QRE141J-390Y	C R	39Ω 1/4W J	
R3118	QRE141J-121Y	C R	120Ω 1/4W J	
R3119	QRL029J-391	OM R	390Ω 2W J	
R3130	QRE141J-101Y	C R	100Ω 1/4W J	
R3131	QRG01GJ-101	OM R	100Ω 1W J	
R3204-06	QRE141J-152Y	C R	1.5kΩ 1/4W J	
R3207	QRE141J-562Y	C R	5.6kΩ 1/4W J	
R3208	QRE141J-123Y	C R	12kΩ 1/4W J	
R3211	QRE141J-334Y	C R	330kΩ 1/4W J	
R3223-25	QRE141J-182Y	C R	1.8kΩ 1/4W J	
R3227	QRE141J-272Y	C R	2.7kΩ 1/4W J	
R3228	QRE141J-822Y	C R	8.2kΩ 1/4W J	
R3229-31	QRG01GJ-823	OM R	82kΩ 1W J	
R3232-34	QRE141J-332Y	C R	3.3kΩ 1/4W J	
R3235-37	QRC121K-152Z	COMP.R	1.5kΩ 1/2W K	
R3239	QRZ0107-474Z	C R	470kΩ 1/2W K	
R3241	QRZ0107-105Z	C R	1MΩ 1/2W K	
R3301-02	QRE121J-474Y	C R	470kΩ 1/2W J	
R3303-04	QRE141J-223Y	C R	22kΩ 1/4W J	
R3305	QRE141J-562Y	C R	5.6kΩ 1/4W J	

△	Symbol No.	Part No.	Part Name	Description
RESISTOR				
R3306	QRE141J-392Y	C R	3.9kΩ 1/4W J	
R3307	QRE141J-101Y	C R	100Ω 1/4W J	
R3308	QRE141J-471Y	C R	470Ω 1/4W J	
R3309	QRE141J-120Y	C R	12Ω 1/4W J	
R3310	QRE141J-331Y	C R	330Ω 1/4W J	
R3311-12	QRE141J-472Y	C R	4.7kΩ 1/4W J	
R3313	QRE141J-102Y	C R	1kΩ 1/4W J	

CAPACITOR

C3101	QETN1HM-106Z	E CAP.	10μF 50V M
C3103	QETN1HM-335Z	E CAP.	3.3μF 50V M
C3104	QETN1CM-107Z	E CAP.	100μF 16V M
C3107	QETN2CM-106Z	E CAP.	10μF 160V M
C3108-09	QCB32HK-472Z	C CAP.	4700pF 500V K
C3110	QETN2CM-106Z	E CAP.	10μF 160V M
C3111-12	QETN1AM-107Z	E CAP.	100μF 10V M
C3113	QETN1AM-337Z	E CAP.	330μF 10V M
C3118	QENC1HM-106Z	BP E CAP.	10μF 50V M
C3201-03	QCS31HJ-8R0Z	C CAP.	8.0pF 50V J
C3204	QCZ0120-104Z	C CAP.	1Ω 25V Z
C3205	QCZ0120-104Z	C CAP.	1Ω 25V Z
C3206	QCZ0120-104Z	C CAP.	1Ω 25V Z
C3207-09	QETN1EM-476Z	E CAP.	47μF 25V M
C3210-12	QFK62EK-104Z	MM CAP.	0.14μF 250V K
C3213-15	QCS31HJ-181Z	C CAP.	180pF 50V J
C3216	QETN1CM-107Z	E CAP.	100μF 16V M
C3218	QETM2EM-336	E CAP.	33μF 250V M
C3219	QFZ0097-223	MM CAP.	0.022μF 1250V K
C3221	QETN2EM-106Z	E CAP.	10μF 250V M
C3301	QETN1CM-107Z	E CAP.	100μF 16V M
C3302	QFLC1HJ-103Z	M CAP.	0.01μF 50V J

COIL

L3201-03	QLQ01BK-4R7Z	PEAKING COIL	4.7μH
L3301	QLL26AJ-102Z	PEAKING COIL	1000μH

DIODE

D3101-02	RH1S-T3	SI.DIODE
D3151	ISS133-T2	SI.DIODE
D3204-06	EU01N-T2	SI.DIODE
D3208-10	1SR124-400A-T2	SI.DIODE
D3301-03	ISS133-T2	SI.DIODE

TRANSISTOR

Q3102	2SC3311A/QR/-T	SI.TRANSISTOR
Q3103	2SC1627A/OY/-T	SI.TRANSISTOR
Q3105	2SA1837	SI.TRANSISTOR
Q3106	2SC4793	SI.TRANSISTOR
Q3301	2SA1015/YG/-T	SI.TRANSISTOR
Q3302	2SC2655/Y/-T	SI.TRANSISTOR
Q3303	2SA1015/YG/-T	SI.TRANSISTOR
Q3304-05	2SC3311A/QR/-T	SI.TRANSISTOR

IC

IC3201-03	TDA6111Q	I.C. (MONO-ANA)
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OTHERS

K3101	CE41492-001Z	CHOKE COIL
K3103-04	CE41492-001Z	CHOKE COIL
K3105	QQR0621-002Z	BEADS CORE
△ SK3001	CE42670-001	C.R.T.SOCKET

AUDIO PW BOARD ASS'Y (SMD-6001A-U2)

△	Symbol No.	Part No.	Part Name	Description
RESISTOR				
R6101	QRN143J-2R2X	C R	2.2Ω 1/4W	J
R6102	QRE141J-562Y	C R	5.6kΩ 1/4W	J
R6103	QRE141J-223Y	C R	22kΩ 1/4W	J
R6104	QRE141J-681Y	C R	680Ω 1/4W	J
R6105-06	QRE141J-223Y	C R	22kΩ 1/4W	J
R6107	QRE141J-183Y	C R	18kΩ 1/4W	J
R6108	QRN143J-2R2X	C R	2.2Ω 1/4W	J
R6109	QRE141J-562Y	C R	5.6kΩ 1/4W	J
R6110	QRE141J-223Y	C R	22kΩ 1/4W	J
R6111	QRE141J-681Y	C R	680Ω 1/4W	J
R6112-13	QRE141J-223Y	C R	22kΩ 1/4W	J
R6114	QRE141J-183Y	C R	18kΩ 1/4W	J
R6115	QRN143J-103X	C R	10kΩ 1/4W	J
R6116	QRE141J-273Y	C R	27kΩ 1/4W	J
R6118-19	QRE141J-104Y	C R	100kΩ 1/4W	J
R6122-23	QRE141J-104Y	C R	100kΩ 1/4W	J
R6124	QRE141J-472Y	C R	4.7kΩ 1/4W	J
R6125-26	QRE141J-223Y	C R	22kΩ 1/4W	J
CAPACITOR				
C6101	QFV71HJ-684Z	MF CAP.	0.68μF	50V J
C6102-03	QETN1EM-228	E CAP.	2200μF	25V M
C6104	QETN1HM-476Z	E CAP.	47μF	50V M
C6105	QETN1HM-105Z	E CAP.	1μF	50V M
C6106	QETN1CM-107Z	E CAP.	100μF	16V M
C6108	QFV71HJ-684Z	MF CAP.	0.68μF	50V J
C6109-10	QFV71HJ-104Z	MF CAP.	0.1μF	50V J
C6111	QETN1HM-476Z	E CAP.	47μF	50V M
C6112	QETN1HM-105Z	E CAP.	1μF	50V M
C6113	QETN1CM-107Z	E CAP.	100μF	16V M
C6115-16	QFV71HJ-684Z	MF CAP.	0.68μF	50V J
C6123-24	QEZO206-335Z	BP E CAP.	33μF	50V M
C6125-26	QCS31HJ-181Z	C CAP.	1800pF	50V J
C6127	QFLC1HJ-103Z	M CAP.	0.01μF	50V J
DIODE				
D6101-04	MTZJ27B-T2	ZENER DIODE		
D6105	MTZJ5.1B-T2	ZENER DIODE		
D6107	1SS133-T2	SI.DIODE		
D6108	MA700A-T2	SI.DIODE		
D6110-11	1SS133-T2	SI.DIODE		
TRANSISTOR				
Q6101	DTC144ESA-T	DIGI.TRANSISTOR		
Q6102	2SA1015/YG/-T	SI.TRANSISTOR		
Q6104	2SA1015/YG/-T	SI.TRANSISTOR		
Q6105	DTC144ESA-T	DIGI.TRANSISTOR		
Q6106-07	DTC323TS-T	DIGI.TRANSISTOR		
IC				
IC6101-02	TDA2052V	I.C.(MONO-ANA)		
OTHERS				
K6001-02	CE41433-001Z	BEADS CORE		

**FRONT CONTROL PW BOARD ASSAY
(SMD-8008A-U2)**

△	Symbol No.	Part No.	Part Name	Description
RESISTOR				
R8001-02	QRE121J-151Y	C R	150Ω 1/2W	J
R8003	QRE141J-222Y	C R	2.2kΩ 1/4W	J
R8004	QRE141J-472Y	C R	4.7kΩ 1/4W	J
R8005	QRE141J-561Y	C R	560Ω 1/4W	J
R8007	QRE141J-103Y	C R	10kΩ 1/4W	J
R8008	QRE141J-682Y	C R	6.8kΩ 1/4W	J
R8009	QRE141J-105Y	C R	1MΩ 1/4W	J
R8010	QRE141J-183Y	C R	18kΩ 1/4W	J
R8011	QRE141J-123Y	C R	12kΩ 1/4W	J
R8012	QRE141J-273Y	C R	27kΩ 1/4W	J
R8013	QRE141J-332Y	C R	3.3kΩ 1/4W	J
R8014	QRE141J-123Y	C R	12kΩ 1/4W	J
R8020	QRE141J-562Y	C R	5.6kΩ 1/4W	J
R8035	QRE141J-391Y	C R	390Ω 1/4W	J
R8036-38	QRE141J-561Y	C R	560Ω 1/4W	J
R8039	QRE141J-821Y	C R	820Ω 1/4W	J
CAPACITOR				
C8001-02	QCB31HK-103Z	C CAP.	0.01μF	50V K
C8003	QETN1HM-106Z	E CAP.	10μF	50V M
C8004	QCZ0120-104Z	C CAP.	0.1μF	25V Z
C8005	QETN1EM-476Z	E CAP.	47μF	25V M
C8010-11	QCB31HK-472Z	C CAP.	4700pF	50V K
C8019	QETN1CM-107Z	E CAP.	100μF	16V M
C8021	QCZ0120-104Z	C CAP.	0.1μF	25V Z
C8022	QETN1EM-476Z	E CAP.	47μF	25V M
C8023	QCZ0120-104Z	C CAP.	0.1μF	25V Z
△ C8901	QFZ9040-474	MF CAP.	0.47μFAC275V	M
COIL				
L8001	QQR0716-001Z	LEAD CORE		
L8002-03	QLL211K-SR6Y	PEAKING COIL		
L8010-11	QLL211K-270Y	PEAKING COIL		
L8012	QQR0716-001Z	LEAD CORE		
DIODE				
D8007	P1241-04	C.D.S.		
D8008	1SS133-T2	SI.DIODE		
D8009	SLR-342MG-T16	L.E.D.(GRN)		
D8010	SPR-39MVWF	L.E.D.		
D8011	1SS133-T2	SI.DIODE		
D8012	SLR-342DU-T16	L.E.D.(ORG)		
D8013	SLR-342YY-T16	L.E.D.(YLW)		
D8014	MTZJ6.8A-T2	ZENER DIODE		
D8018	MTZJ5.1B-T2	ZENER DIODE		
TRANSISTOR				
Q8001	2SA1015/YG/-T	SI.TRANSISTOR		
Q8002	DTC144ESA-T	DIGI.TRANSISTOR		
Q8003-04	DTA144ESA-T	DIGI.TRANSISTOR		
Q8005-07	DTC144ESA-T	DIGI.TRANSISTOR		
IC				
IC8001	GP1U281Q	IFR DETECT UNIT		
OTHERS				
△ CN8002	CEMG002-001Z	FUSE CLIP		
△ F8901	LC30596-001B-C	L.E.D.HOLDER		
	CM35921-005-H	CDS HOLDER		
	QGF1220C2-25	FFC/FPC CONNECTO		
J8001	QMF51D2-3R15J1	FUSE JACK		
	QNS0155-001			3.15A

△	Symbol No.	Part No.	Part Name	Description
OTHERS				
J8003	QND0073-001	S JACK		
J8004	CEMNO11-001	JACK		
J8005	CEMNO11-002	JACK		
J8006	CEMNO11-003	JACK		
△ LF8901	QR1095-001	LINE FILTER		
△ LF8902	QR1095-001	LINE FILTER		
S8001	QSW0619-003Z	PUSH SWITCH	MENU	
S8002	QSW0619-003Z	PUSH SWITCH	CH DOWN	
S8003	QSW0619-003Z	PUSH SWITCH	CH UP	
△ S8901	QSW0824-001	PUSH SWITCH	MAIN POWER	

DOLBY PW BOARD ASS'Y (SM0D001A-U2)

△	Symbol No.	Part No.	Part Name	Description
RESISTOR				
R0101	NRSA02J-153X	MG R	15kΩ 1/10W J	
R0102	NRSA02J-683X	MG R	68kΩ 1/10W J	
R0103	NRSA02J-153X	MG R	15kΩ 1/10W J	
R0104	NRSA02J-683X	MG R	68kΩ 1/10W J	
R0105	NRSA02J-105X	MG R	1MΩ 1/10W J	
R0106-09	NRSA02J-271X	MG R	270Ω 1/10W J	
R0111	NRSA02J-102X	MG R	1kΩ 1/10W J	
R0112	NRSA02J-0R0X	MG R	0.0Ω 1/10W J	
R0113	NRSA02J-102X	MG R	1kΩ 1/10W J	
R0114	NRSA02J-0R0X	MG R	0.0Ω 1/10W J	
R0115	NRSA02J-102X	MG R	1kΩ 1/10W J	
R0201	NRSA02J-103X	MG R	10kΩ 1/10W J	
R0203	NRSA02J-103X	MG R	10kΩ 1/10W J	
R0204	NRSA02J-563X	MG R	56kΩ 1/10W J	
R0205	NRSA02J-103X	MG R	10kΩ 1/10W J	
R0207	NRSA02J-103X	MG R	10kΩ 1/10W J	
R0208	NRSA02J-563X	MG R	56kΩ 1/10W J	
R0209	NRSA02J-123X	MG R	12kΩ 1/10W J	
R0211	NRSA02J-123X	MG R	12kΩ 1/10W J	
R0212	NRSA02J-103X	MG R	10kΩ 1/10W J	
R0214-15	NRSA02J-104X	MG R	100kΩ 1/10W J	
R0216	NRSA02J-103X	MG R	10kΩ 1/10W J	
R0217	NRSA02J-123X	MG R	12kΩ 1/10W J	
R0219	NRSA02J-123X	MG R	12kΩ 1/10W J	
R0221	NRSA02J-104X	MG R	100kΩ 1/10W J	
R0222	NRSA02J-103X	MG R	10kΩ 1/10W J	
R0223	NRSA02J-153X	MG R	15kΩ 1/10W J	
R0225	NRSA02J-223X	MG R	22kΩ 1/10W J	
R0227	NRSA02J-104X	MG R	100kΩ 1/10W J	
R0228	NRSA02J-153X	MG R	15kΩ 1/10W J	
R0229	NRSA02J-223X	MG R	22kΩ 1/10W J	
R0231	NRSA02J-103X	MG R	10kΩ 1/10W J	
R0232-33	NRSA02J-122X	MG R	1.2kΩ 1/10W J	
R0301	NRSA02J-103X	MG R	10kΩ 1/10W J	
R0401	NRSA02J-102X	MG R	1kΩ 1/10W J	
R0402-03	NRSA02J-562X	MG R	5.6kΩ 1/10W J	
R0404	NRSA02J-102X	MG R	1kΩ 1/10W J	
R0431	NRSA02J-102X	MG R	1kΩ 1/10W J	
R0432-33	NRSA02J-562X	MG R	5.6kΩ 1/10W J	
R0434	NRSA02J-102X	MG R	1kΩ 1/10W J	
R0451	NRSA02J-273X	MG R	27kΩ 1/10W J	
R0452	NRSA02J-683X	MG R	68kΩ 1/10W J	
R0453	NRSA02J-0R0X	MG R	0.0Ω 1/10W J	
R0454	NRSA02J-473X	MG R	47kΩ 1/10W J	
R0455	NRSA02J-333X	MG R	33kΩ 1/10W J	
R0456-57	NRSA02J-473X	MG R	47kΩ 1/10W J	

△	Symbol No.	Part No.	Part Name	Description
RESISTOR				
R0458	NRSA02J-102X	MG R	1kΩ 1/10W J	
R0459	NRSA02J-223X	MG R	22kΩ 1/10W J	
R0460	NRSA02J-393X	MG R	39kΩ 1/10W J	
R0461	NRSA02J-273X	MG R	27kΩ 1/10W J	
R0462	NRSA02J-122X	MG R	1.2kΩ 1/10W J	
R0463	NRSA02J-273X	MG R	27kΩ 1/10W J	
R0464	NRSA02J-683X	MG R	68kΩ 1/10W J	
R0465	NRSA02J-0R0X	MG R	0.0Ω 1/10W J	
R0466	NRSA02J-473X	MG R	47kΩ 1/10W J	
R0467	NRSA02J-333X	MG R	33kΩ 1/10W J	
R0468-69	NRSA02J-473X	MG R	47kΩ 1/10W J	
R0470	NRSA02J-102X	MG R	1kΩ 1/10W J	
R0471	NRSA02J-223X	MG R	22kΩ 1/10W J	
R0472	NRSA02J-393X	MG R	39kΩ 1/10W J	
R0473	NRSA02J-273X	MG R	27kΩ 1/10W J	
R0474	NRSA02J-122X	MG R	1.2kΩ 1/10W J	
R0475	NRSA02J-123X	MG R	12kΩ 1/10W J	
R0476	NRSA02J-101X	MG R	100Ω 1/10W J	
R0477	NRSA02J-223X	MG R	22kΩ 1/10W J	
R0478	NRSA02J-101X	MG R	100Ω 1/10W J	
R0479	NRSA02J-223X	MG R	22kΩ 1/10W J	
R0480	NRSA02J-101X	MG R	100Ω 1/10W J	
R0481-82	NRSA02J-223X	MG R	22kΩ 1/10W J	
R0483	NRSA02J-183X	MG R	18kΩ 1/10W J	
R0484	NRSA02J-223X	MG R	22kΩ 1/10W J	
R0485-86	NRSA02J-103X	MG R	10kΩ 1/10W J	
R0491	NRSA02J-101X	MG R	100Ω 1/10W J	
R0492	NRSA02J-0R0X	MG R	0.0Ω 1/10W J	
R0501	NRSA02J-223X	MG R	22kΩ 1/10W J	
R0502	NRSA02J-332X	MG R	3.3kΩ 1/10W J	
R0503	NRSA02J-103X	MG R	10kΩ 1/10W J	
R0504	NRSA02J-104X	MG R	100kΩ 1/10W J	
R0505	NRSA02J-332X	MG R	3.3kΩ 1/10W J	
R0506	NRSA02J-122X	MG R	1.2kΩ 1/10W J	
R0507	NRSA02J-223X	MG R	22kΩ 1/10W J	
R0508	NRSA02J-103X	MG R	10kΩ 1/10W J	
R0509	NRSA02J-104X	MG R	100kΩ 1/10W J	
R0510-11	NRSA02J-681X	MG R	680Ω 1/10W J	
R0512-13	NRSA02J-223X	MG R	22kΩ 1/10W J	
R0514	NRSA02J-104X	MG R	100kΩ 1/10W J	
R0516	NRSA02J-103X	MG R	10kΩ 1/10W J	
R0517	NRSA02J-0R0X	MG R	0.0Ω 1/10W J	
R0518	NRSA02J-103X	MG R	10kΩ 1/10W J	
R0519	NRSA02J-0R0X	MG R	0.0Ω 1/10W J	
CAPACITOR				
C0101	NCF21EZ-104X	C CAP.	0.1μF 25V Z	
C0103	NDC21HJ-221X	C CAP.	220pF 50V J	
C0104	NEH71HM-475X	E CAP.	4.7μF 50V M	
C0105	NCF21EZ-104X	C CAP.	0.1μF 25V Z	
C0106-08	NEH71CM-476X	E CAP.	47μF 16V M	
C0109	NEH71HM-475X	E CAP.	4.7μF 50V M	
C0110	NDC21HJ-221X	C CAP.	220pF 50V J	
C0111-12	NDC21HJ-100X	C CAP.	10pF 50V J	
C0114-15	NEH71CM-476X	E CAP.	47μF 16V M	
C0116	NCF21EZ-104X	C CAP.	0.1μF 25V Z	
C0117-19	NEH71CM-476X	E CAP.	47μF 16V M	
C0120	NCF21EZ-104X	C CAP.	0.1μF 25V Z	
C0121-22	NEH71CM-476X	E CAP.	47μF 16V M	
C0123	NCF21EZ-104X	C CAP.	0.1μF 25V Z	
C0124-27	NDC21HJ-221X	C CAP.	220pF 50V J	
C0128	NEH71CM-476X	E CAP.	47μF 16V M	
C0129-33	NCF21EZ-104X	C CAP.	0.1μF 25V Z	
C0134	NEHE1CM-227X	E CAP.	220μF 16V M	
C0135	NCF21EZ-104X	C CAP.	0.1μF 25V Z	
C0137	NEHE1EM-107X	E CAP.	100μF 25V M	
C0138	NEH71CM-476X	E CAP.	47μF 16V M	
C0139	NEHE1CM-227X	E CAP.	220μF 16V M	
C0142	NCF21EZ-104X	C CAP.	0.1μF 25V Z	
C0144-45	NCF21EZ-104X	C CAP.	0.1μF 25V Z	

△ Symbol No.	Part No.	Part Name	Description
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CAPACITOR

C0146	NEHE1EM-107X	E CAP.	100μF 25V M
C0147	NCB21HK-102X	C CAP.	1000pF 50V K
C0148-49	NCB21HK-222X	C CAP.	2200pF 50V K
C0150	NEH71CM-106X	E CAP.	10μF 16V M
C0201-02	NCF21CZ-105X	C CAP.	1μF 16V Z
C0203	NEHE1EM-107X	E CAP.	100μF 25V M
C0204-05	NCF21CZ-105X	C CAP.	1μF 16V Z
C0208	NCF21CZ-105X	C CAP.	1μF 16V Z
C0209	NDC21HJ-470X	C CAP.	47pF 50V J
C0212	NDC21HJ-470X	C CAP.	47pF 50V J
C0213	NCF21CZ-105X	C CAP.	1μF 16V Z
C0214	NEHE1EM-107X	E CAP.	100μF 25V M
C0217	NCF21CZ-105X	C CAP.	1μF 16V Z
C0218	NDC21HJ-470X	C CAP.	47pF 50V J
C0219	NCF21CZ-105X	C CAP.	1μF 16V Z
C0220	NDC21HJ-470X	C CAP.	47pF 50V J
C0223-25	NEH71CM-476X	E CAP.	47μF 16V M
C0226-29	NRSA02J-OROX	MG R	0.0Ω 1/10W J
C0301	NEH71CM-476X	E CAP.	47μF 16V M
C0401	NEH71EM-226X	E CAP.	22μF 25V M
C0402	NEH71CM-476X	E CAP.	47μF 16V M
C0403-04	NCB21HK-272X	C CAP.	2700pF 50V K
C0405-06	NCF21CZ-105X	C CAP.	1μF 16V Z
C0407-10	NCF21EZ-104X	C CAP.	0.1μF 25V Z
C0431	NEH71EM-226X	E CAP.	22μF 25V M
C0432	NEH71CM-227X	E CAP.	220μF 16V M
C0433-34	NCB21HK-272X	C CAP.	2700pF 50V K
C0435	NCF21CZ-105X	C CAP.	1μF 16V Z
C0436-39	NCF21EZ-104X	C CAP.	0.1μF 25V Z
C0440	NCF21CZ-105X	C CAP.	1μF 16V Z
C0451	NCF21CZ-105X	C CAP.	1μF 16V Z
C0452	NDC21HJ-100X	C CAP.	10pF 50V J
C0453	NCB21HK-103X	C CAP.	0.01μF 50V K
C0454	NCB21EK-563X	C CAP.	0.056μF 25V K
C0456	NEHE1EM-107X	E CAP.	100μF 25V M
C0457	NCF21CZ-105X	C CAP.	1μF 16V Z
C0458	NCB21EK-563X	C CAP.	0.056μF 25V K
C0459	NEHE1EM-107X	E CAP.	100μF 25V M
C0460	NCB21HK-103X	C CAP.	0.01μF 50V K
C0461	NDC21HJ-100X	C CAP.	10pF 50V J
C0462	NCF21CZ-105X	C CAP.	1μF 16V Z
C0465-67	NCF21CZ-105X	C CAP.	1μF 16V Z
C0468	NEH71CM-476X	E CAP.	47pF 16V M
C0471-72	NCF21CZ-105X	C CAP.	1μF 16V Z
C0473	NCB21HK-821X	C CAP.	820pF 50V K
C0474	NDC21HJ-470X	C CAP.	47pF 50V J
C0475	NEH71CM-476X	E CAP.	47μF 16V M
C0476	NCF21CZ-105X	C CAP.	1μF 16V Z
C0479-80	NDC21HJ-820X	C CAP.	82pF 50V J
C0501-02	NCF21CZ-105X	C CAP.	1μF 16V Z
C0503-04	NDC21HJ-100X	C CAP.	10pF 50V J
C0505	NEH71CM-476X	E CAP.	47μF 16V M
C0506-07	NEH71HM-106X	E CAP.	10μF 50V M
C0508	NEH71CM-476X	E CAP.	47μF 16V M
C0701-02	NCB21HK-222X	C CAP.	2200pF 50V K

COIL

L0102-05	NQL02BJ-4R7X	COIL	4.7μH
L0701-02	NQL02BJ-100X	COIL	10μH

DIODE

D0201-02	MA3062/M-X	ZENER DIODE
D0451	MA111-X	SI DIODE
D0452	MA3062/M-X	ZENER DIODE
D0453	MA111-X	SI DIODE
D0454	MA3062/M-X	ZENER DIODE
D0501-02	MA3150/M-X	ZENER DIODE
D0503	MA3062/M-X	ZENER DIODE

△ Symbol No.	Part No.	Part Name	Description
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TRANSISTOR

Q0301	DTC144EKA-X	DIGI. TRANSISTOR
Q0451-52	DTC323TK-X	DIGI. TRANSISTOR
Q0453	DTC144EKA-X	DIGI. TRANSISTOR
Q0501	2SA1162/YG/-X	SI. TRANSISTOR
Q0502-03	DTC323TK-X	DIGI. TRANSISTOR

IC

IC0101	TC9471F	I.C. (DIGI-MOS)
IC0102	MN1382/0/-X	I.C. (MONO-ANA)
IC0201-03	BA4558F-X	I.C. (MONO-ANA)
IC0301	TC4052BF/N/-XE	I.C. (DIGI-MOS)
IC0401	TDA7315D	I.C. (DIGI-OTHER)
IC0431	TDA7315D	I.C. (DIGI-OTHER)
IC0451-53	BA4558F-X	I.C. (MONO-ANA)
IC0501	BA4558F-X	I.C. (MONO-ANA)

OTHERS

J0001	QNN0294-001	PIN JACK
J0002	QNB0006-002	PUSH TERMINAL
K0101-05	CE42681-001Y	BEADS CORE
LC0101-02	CE42482-103Y	EMI FILTER
X0101	NAX0288-001X	CRYSTAL

IF PW BOARD ASS'Y (SMD0F003A-U2)

△ Symbol No.	Part No.	Part Name	Description
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RESISTOR

R0020	NRSA02J-472X	MG R	4.7kΩ 1/10W J
R0021	NRSA02J-122X	MG R	1.2kΩ 1/10W J
R0022	NRSA02J-331X	MG R	330Ω 1/10W J
R0023	NRSA02J-680X	MG R	68Ω 1/10W J
R0024	NRSA02J-330X	MG R	33Ω 1/10W J
R0025	NRSA02J-682X	MG R	6.8kΩ 1/10W J
R0026	NRSA02J-222X	MG R	2.2kΩ 1/10W J
R0030-31	NRSA02J-150X	MG R	15Ω 1/10W J
R0050-51	NRSA02J-121X	MG R	120Ω 1/10W J
R0052-53	NRSA02J-561X	MG R	560Ω 1/10W J
R0057	NRSA02J-472X	MG R	4.7kΩ 1/10W J
R0058	NRSA02J-272X	MG R	2.7kΩ 1/10W J
R0059	NRSA02J-273X	MG R	27kΩ 1/10W J
R0060-61	NRSA02J-471X	MG R	470Ω 1/10W J
R0062	NRSA02J-102X	MG R	1kΩ 1/10W J
R0063	NRSA02J-822X	MG R	8.2kΩ 1/10W J
R0064	NRSA02J-OROX	MG R	0.0Ω 1/10W J
R0065	NRSA02J-470X	MG R	47Ω 1/10W J
R0070-71	NRSA02J-393X	MG R	39kΩ 1/10W J
R0080-81	NRSA02J-473X	MG R	47kΩ 1/10W J
R0082	NRSA02J-272X	MG R	2.7kΩ 1/10W J
R0101	NRSA02J-822X	MG R	8.2kΩ 1/10W J
R0102	NRSA02J-471X	MG R	470Ω 1/10W J
R0103	NRSA02J-102X	MG R	1kΩ 1/10W J
R0104	NRSA02J-121X	MG R	120Ω 1/10W J
R0105	NRSA02J-151X	MG R	150Ω 1/10W J
R0106	NRSA02J-181X	MG R	180Ω 1/10W J
R0107	NRSA02J-221X	MG R	220Ω 1/10W J
R0108	NRSA02J-102X	MG R	1kΩ 1/10W J
R0109	NRSA02J-181X	MG R	180Ω 1/10W J
R0111-12	NRSA02J-151X	MG R	150Ω 1/10W J
R0113	NRSA02J-391X	MG R	390Ω 1/10W J

△	Symbol No.	Part No.	Part Name	Description
RESISTOR				
R0114	NRSA02J-0R0X	MG R	0.0Ω 1/10W J	
R0116	NRSA02J-102X	MG R	1kΩ 1/10W J	
R0117	NRSA02J-332X	MG R	3.3kΩ 1/10W J	
R0120	NRSA02J-222X	MG R	2.2kΩ 1/10W J	
R0122-24	NRSA02J-103X	MG R	10kΩ 1/10W J	
R0140	NRSA02J-474X	MG R	470kΩ 1/10W J	
R0141	NRSA02J-101X	MG R	100Ω 1/10W J	
R0142	NRSA02J-391X	MG R	390Ω 1/10W J	
R0143	NRSA02J-750X	MG R	75Ω 1/10W J	
R0144	NRSA02J-474X	MG R	470kΩ 1/10W J	
R0145	NRSA02J-332X	MG R	3.3kΩ 1/10W J	
R0146	NRSA02J-104X	MG R	100kΩ 1/10W J	
R0601	NRSA02J-822X	MG R	8.2kΩ 1/10W J	
R0602	NRSA02J-102X	MG R	1kΩ 1/10W J	
R0603	NRSA02J-104X	MG R	100kΩ 1/10W J	
R0604	NRSA02J-683X	MG R	68kΩ 1/10W J	
R0605-06	NRSA02J-392X	MG R	3.9kΩ 1/10W J	
R0607-08	NRSA02J-562X	MG R	5.6kΩ 1/10W J	
△ R0609	QRZ9017-470	F R	47Ω 1/4W J	
CAPACITOR				
C0020-25	NCB21HK-472X	C CAP.	4700pF 50V K	
C0026	NCB21HK-472X	C CAP.	4700pF 50V K	
C0031-32	NCB21HK-472X	C CAP.	4700pF 50V K	
C0040	NCB21HK-682X	C CAP.	6800pF 50V K	
C0041	QETN1CM-107Z	E CAP.	100μF 16V M	
C0042	NCB21HK-103X	C CAP.	0.01μF 50V K	
C0043	QETN1CM-107Z	E CAP.	100μF 16V M	
C0044	NCB21HK-103X	C CAP.	0.01μF 50V K	
C0046	NCB21HK-103X	C CAP.	0.01μF 50V K	
C0047	QETN1CM-227Z	E CAP.	220μF 16V M	
C0050	QETN1HM-105Z	E CAP.	1μF 50V M	
C0051	NCB21HK-472X	C CAP.	4700pF 50V K	
C0053	NDC21HJ-6R0X	C CAP.	6.0pF 50V J	
C0054	NCB21HK-103X	C CAP.	0.01μF 50V K	
C0055	QETN1CM-107Z	E CAP.	100μF 16V M	
C0056	QETN1HM-474Z	E CAP.	0.47μF 50V M	
C0057	NDC21HJ-102X	C CAP.	1000pF 50V J	
C0058	NCB21HK-472X	C CAP.	4700pF 50V K	
C0060	NDC21HJ-120X	C CAP.	12pF 50V J	
C0061	NDC21HJ-7R0X	C CAP.	7.0pF 50V J	
C0062	QETN1HM-474Z	E CAP.	0.47μF 50V M	
C0063	NCB21HK-103X	C CAP.	0.01μF 50V K	
C0064	NCB21HK-472X	C CAP.	4700pF 50V K	
C0065	QETN1HM-105Z	E CAP.	1μF 50V M	
C0067	NDC21HJ-120X	C CAP.	12pF 50V J	
C0069-70	NCB21HK-103X	C CAP.	0.01μF 50V K	
C0071	QETN1HM-336Z	E CAP.	33μF 50V	
C0080-81	NCB21HK-472X	C CAP.	4700pF 50V K	
C0101	QETN1CM-476Z	E CAP.	47μF 16V M	
C0102	NDC21HJ-221X	C CAP.	220pF 50V J	
C0103-04	NDC21HJ-121X	C CAP.	120pF 50V J	
C0105	NCB21HK-103X	C CAP.	0.01μF 50V K	
C0140	QETN1HM-335Z	E CAP.	3.3μF 50V M	
C0141	NDC21HJ-561X	C CAP.	560pF 50V J	
C0142	QETN1HM-105Z	E CAP.	1μF 50V M	
C0143	QFLC1HJ-683Z	M CAP.	0.068μF 50V J	
C0144	QETN1HM-335Z	E CAP.	3.3μF 50V M	
C0145	NCB21HK-222X	C CAP.	2200pF 50V K	
C0601	QFLC1HJ-183Z	M CAP.	0.018μF 50V J	
C0602	QETN1CM-476Z	E CAP.	47μF 16V M	
C0603	QETN1HM-106Z	E CAP.	10μF 50V M	
C0604	QETN1HM-105Z	E CAP.	1μF 50V M	
C0605	QETN1CM-477Z	E CAP.	470μF 16V M	
C0606	NCB21HK-103X	C CAP.	0.01μF 50V K	
TRANSFORMER				
T0020	QQR0626-001	I.F. TRANSF.		
T0050	CELT001-307	C.WAVE TRANSF.		
T0051	CELT001-306	C.WAVE TRANSF.		

△	Symbol No.	Part No.	Part Name	Description
COIL				
L0020	QQLZ014-R47	PEAKING COIL		0.47μH
L0021	NQL011K-1R5X	COIL		1.5μH
L0040	NQL024J-120X	COIL		12μH
L0042	NQL024J-330X	COIL		33μH
L0050-53	NQL011K-8R2X	COIL		8.2μH
L0054	NQL024J-330X	COIL		33μH
L0070	NQL011K-5R6X	COIL		5.6μH
L0101	NQL011K-6R8X	COIL		6.8μH
L0102-03	NQL011K-100X	COIL		10μH
L0104	NQL011K-8R2X	COIL		8.2μH
DIODE				
D0021	DAN235K-X	CHIP DIODE		
D0050-51	DAN235K-X	CHIP DIODE		
TRANSISTOR				
Q0012	2SC5083/L-P/-T	SI.TRANSISTOR		
Q0080	2SC2712/YG/-X	SI.TRANSISTOR		
Q0101	2SC2712/YG/-X	SI.TRANSISTOR		
Q0102	2SA162/YG/-X	SI.TRANSISTOR		
Q0103	DTC144EKA-X	DIGI.TRANSISTOR		
Q0104	2SC2712/YG/-X	SI.TRANSISTOR		
Q0106	2SC2712/YG/-X	SI.TRANSISTOR		
Q0107	2SA162/YG/-X	SI.TRANSISTOR		
Q0108	DTC144EKA-X	DIGI.TRANSISTOR		
Q0109-11	2SC2712/YG/-X	SI.TRANSISTOR		
Q0120	DTC124EKA-X	DIGI.TRANSISTOR		
Q0122-26	DTC144EKA-X	DIGI.TRANSISTOR		
Q0601-02	2SC2712/YG/-X	SI.TRANSISTOR		
IC				
IC0010	TA8865BN	I.C.(MONO-ANA)		
OTHERS				
CF0010-11	QAX0619-001	CERAMIC FILTER		
CF0100	TP55.5MW	CERAMIC FILTER		
CF0140	CSB503F30-T2	CER.RESONATOR		
SF0010	QAX0531-001	SAW FILTER		
SF0011	QAX0621-001	SAW FILTER		
TC0052	QAT7004-100	TRIM.CAP.		10pF 100V
TC0059	QAT7004-100	TRIM.CAP.		10pF 100V
W0008	NRSA02J-OROX	MG R		0.0Ω 1/10W J
W0013	NRSA02J-OROX	MG R		0.0Ω 1/10W J
W0015	NRSA02J-OROX	MG R		0.0Ω 1/10W J
W0025-26	NRSA02J-OROX	MG R		0.0Ω 1/10W J
W0028-29	NRSA02J-OROX	MG R		0.0Ω 1/10W J
W0031-32	NRSA02J-OROX	MG R		0.0Ω 1/10W J
W0036	NRSA02J-OROX	MG R		0.0Ω 1/10W J
W0073-75	NRSA02J-OROX	MG R		0.0Ω 1/10W J
W0094-99	NRSA02J-OROX	MG R		0.0Ω 1/10W J
Y0002	NRSA02J-OROX	MG R		0.0Ω 1/10W J

AV TERMINAL PW BOARD ASS'Y (SMD0J001A-U2)

△	Symbol No.	Part No.	Part Name	Description
RESISTOR				
R0104	QRE141J-750Y	C R	75Ω 1/4W	J
R0106	QRE141J-750Y	C R	75Ω 1/4W	J
R0108	QRE141J-750Y	C R	75Ω 1/4W	J
R0112	QRE141J-750Y	C R	75Ω 1/4W	J
R0204	QRE141J-750Y	C R	75Ω 1/4W	J
R0304	QRE141J-750Y	C R	75Ω 1/4W	J
CAPACITOR				
C0102-04	QEKC1CM-106Z	E CAP.	10μF	16V M
C0105-08	QCB31HK-472Z	C CAP.	4700pF	50V K
C0109	QETN1AM-108Z	E CAP.	1000μF	10V M
C0202	QCB31HK-103Z	C CAP.	0.01μF	50V K
C0203-06	QCB31HK-472Z	C CAP.	4700pF	50V K
C0209	QETN1AM-108Z	E CAP.	1000μF	10V M
C0302	QCB31HK-103Z	C CAP.	0.01μF	50V K
C0305-06	QCB31HK-472Z	C CAP.	4700pF	50V K
COIL				
L0101-04	QQL211K-5R6Y	PEAKING COIL	5.6μH	
L0105	QQR0716-001Z	LEAD CORE		
L0201-04	QQL211K-5R6Y	PEAKING COIL	5.6μH	
L0205	QQR0716-001Z	LEAD CORE		
L0301-02	QQL211K-5R6Y	PEAKING COIL	5.6μH	
L0303	QQR0716-001Z	LEAD CORE		
DIODE				
D0101-05	MTZJ13B-T2	ZENER DIODE		
OTHERS				
J0001-03	CE40529-006	SCART CONNECTOR		

PIP PW BOARD ASS'Y (SMD0P001A-U2)

△	Symbol No.	Part No.	Part Name	Description
RESISTOR				
R0002	NRSA02J-104X	MG R	100kΩ	1/10W J
R0003-06	NRSA02J-102X	MG R	1kΩ	1/10W J
R0100	NRSA02J-472X	MG R	4.7kΩ	1/10W J
R0101	NRSA02J-122X	MG R	1.2kΩ	1/10W J
R0102	NRSA02J-331X	MG R	330Ω	1/10W J
R0103	NRSA02J-680X	MG R	68Ω	1/10W J
R0104	NRSA02J-330X	MG R	33Ω	1/10W J
R0105-08	NRSA02J-103X	MG R	10kΩ	1/10W J
R0109	NRSA02J-222X	MG R	2.2kΩ	1/10W J
R0110-11	NRSA02J-0R0X	MG R	0.0Ω	1/10W J
R0112	NRSA02J-122X	MG R	1.2kΩ	1/10W J
R0113	NRSA02J-332X	MG R	3.3kΩ	1/10W J
R0114	NRSA02J-474X	MG R	470kΩ	1/10W J
R0115	NRSA02J-750X	MG R	75Ω	1/10W J
R0116	NRSA02J-101X	MG R	100Ω	1/10W J
R0117	NRSA02J-391X	MG R	390Ω	1/10W J
R0118	NRSA02J-474X	MG R	470kΩ	1/10W J
R0119	NRSA02J-471X	MG R	470Ω	1/10W J
R0120	NRSA02J-562X	MG R	5.6kΩ	1/10W J
R0121	NRSA02J-822X	MG R	8.2kΩ	1/10W J

△	Symbol No.	Part No.	Part Name	Description
RESISTOR				
R0122	NRSA02J-121X	MG R	120Ω	1/10W J
R0123	NRSA02J-470X	MG R	47Ω	1/10W J
R0124	NRSA02J-121X	MG R	120Ω	1/10W J
R0125	NRSA02J-561X	MG R	560Ω	1/10W J
R0126-27	NRSA02J-150X	MG R	15Ω	1/10W J
R0128	NRSA02J-332X	MG R	3.3kΩ	1/10W J
R0130	NRSA02J-561X	MG R	560Ω	1/10W J
R0131-32	NRSA02J-393X	MG R	39kΩ	1/10W J
R0133	NRSA02J-272X	MG R	2.7kΩ	1/10W J
R0134	NRSA02J-222X	MG R	2.2kΩ	1/10W J
R0135	NRSA02J-273X	MG R	27kΩ	1/10W J
R0136	NRSA02J-682X	MG R	6.8kΩ	1/10W J
R0138-39	NRSA02J-473X	MG R	47kΩ	1/10W J
R0140	NRSA02J-272X	MG R	2.7kΩ	1/10W J
R0141	NRSA02J-104X	MG R	100kΩ	1/10W J
R0142-43	NRSA02J-471X	MG R	470Ω	1/10W J
R0144	NRSA02J-103X	MG R	10kΩ	1/10W J
R0145	NRSA02J-332X	MG R	3.3kΩ	1/10W J
R0146	NRSA02J-222X	MG R	2.2kΩ	1/10W J
R0160	NRSA02J-103X	MG R	10kΩ	1/10W J
R0161	NRSA02J-121X	MG R	120Ω	1/10W J
R0162	NRSA02J-102X	MG R	1kΩ	1/10W J
R0163	NRSA02J-151X	MG R	150Ω	1/10W J
R0164	NRSA02J-221X	MG R	220Ω	1/10W J
R0165	NRSA02J-181X	MG R	180Ω	1/10W J
R0166	NRSA02J-102X	MG R	1kΩ	1/10W J
R0167	NRSA02J-181X	MG R	180Ω	1/10W J
R0169	NRSA02J-OROX	MG R	0.0Ω	1/10W J
R0170	NRSA02J-222X	MG R	2.2kΩ	1/10W J
R0172	NRSA02J-471X	MG R	470Ω	1/10W J
R0173	NRSA02J-472X	MG R	4.7kΩ	1/10W J
R0174-76	NRSA02J-561X	MG R	560Ω	1/10W J
R0178	NRSA02J-152X	MG R	1.5kΩ	1/10W J
R0181	NRSA02J-561X	MG R	560Ω	1/10W J
R0182	NRSA02J-103X	MG R	10kΩ	1/10W J
R0183	NRSA02J-332X	MG R	3.3kΩ	1/10W J
R0185	NRSA02J-561X	MG R	560Ω	1/10W J
R0301	NRSA02J-153X	MG R	15kΩ	1/10W J
R0302	NRSA02J-823X	MG R	82kΩ	1/10W J
R0303-04	NRSA02J-101X	MG R	100Ω	1/10W J
R0305-07	NRSA02J-103X	MG R	10kΩ	1/10W J
R0601	NRSA02J-102X	MG R	1kΩ	1/10W J
R0602	NRSA02J-822X	MG R	8.2kΩ	1/10W J
R0603	QRZ9017-470	F R	47Ω	1/4W J
R0604	NRSA02J-104X	MG R	100kΩ	1/10W J
R0605	NRSA02J-683X	MG R	68kΩ	1/10W J
R0606	NRSA02J-272X	MG R	2.7kΩ	1/10W J
R0607	NRSA02J-392X	MG R	3.9kΩ	1/10W J
R0608	NRSA02J-822X	MG R	8.2kΩ	1/10W J
R0609	NRSA02J-562X	MG R	5.6kΩ	1/10W J
R0801-02	NRSA02J-820X	MG R	82Ω	1/10W J
R0803	NRSA02J-103X	MG R	10kΩ	1/10W J
R0804-09	NRSA02J-101X	MG R	100Ω	1/10W J
R0810-11	NRSA02J-393X	MG R	39kΩ	1/10W J
R0814-17	NRSA02J-OROX	MG R	0.0Ω	1/10W J
R0820-23	NRSA02J-103X	MG R	10kΩ	1/10W J
R0824	NRSA02J-222X	MG R	2.2kΩ	1/10W J
R0825	NRSA02J-102X	MG R	1kΩ	1/10W J
R0826	NRSA02J-222X	MG R	2.2kΩ	1/10W J
R0827	NRSA02J-OROX	MG R	0.0Ω	1/10W J
R0828	NRSA02J-331X	MG R	33Ω	1/10W J
R0829	NRSA02J-222X	MG R	2.2kΩ	1/10W J
R0830	NRSA02J-OROX	MG R	0.0Ω	1/10W J
R0831	NRSA02J-150X	MG R	15Ω	1/10W J
R0832	NRSA02J-151X	MG R	150Ω	1/10W J
R0833	NRSA02J-182X	MG R	1.8kΩ	1/10W J
R0834	NRSA02J-OROX	MG R	0.0Ω	1/10W J
R0835	NRSA02J-150X	MG R	15Ω	1/10W J
R0836	NRSA02J-151X	MG R	150Ω	1/10W J
R0837	NRSA02J-332X	MG R	3.3kΩ	1/10W J
R0838	NRSA02J-OROX	MG R	0.0Ω	1/10W J

Symbol No.	Part No.	Part Name	Description
RESISTOR			
R0839	NRSA02J-222X	MG R	2.2kΩ 1/10W J
R0840	NRSA02J-822X	MG R	8.2kΩ 1/10W J
R0841	NRSA02J-103X	MG R	10kΩ 1/10W J
R0842	NRSA02J-562X	MG R	5.6kΩ 1/10W J
R0843	NRSA02J-472X	MG R	4.7kΩ 1/10W J
R0844	NRSA02J-222X	MG R	2.2kΩ 1/10W J
R0845-48	NRSA02J-221X	MG R	220Ω 1/10W J
R0849	NRSA02J-222X	MG R	2.2kΩ 1/10W J
R0850	NRSA02J-101X	MG R	100Ω 1/10W J
R0851	NRSA02J-153X	MG R	15kΩ 1/10W J
R0852	NRSA02J-472X	MG R	4.7kΩ 1/10W J
R0853-54	NRSA02J-102X	MG R	1kΩ 1/10W J
R0855	NRSA02J-223X	MG R	22kΩ 1/10W J
R0856-58	NRSA02J-473X	MG R	47kΩ 1/10W J
R0859-62	NRSA02J-562X	MG R	5.6kΩ 1/10W J
R0867-68	NRSA02J-101X	MG R	100Ω 1/10W J
R0869-71	NRSA02J-820X	MG R	82Ω 1/10W J
R0872-74	NRSA02J-821X	MG R	820Ω 1/10W J
R0875-99	NRSA02J-820X	MG R	82Ω 1/10W J
R0900-04	NRSA02J-820X	MG R	82Ω 1/10W J
CAPACITOR			
C0001	NCB21HK-222X	C CAP.	2200pF 50V K
C0002	NEH71CM-106X	E CAP.	10μF 16V M
C0003	NEHE1CM-227X	E CAP.	2200μF 16V M
C0004-05	NCF21EZ-104X	C CAP.	0.1μF 25V Z
C0006	QETN1HM-107Z	E CAP.	100μF 50V M
C0007	NEHE1EM-107X	E CAP.	100μF 25V M
C0008	NCF21EZ-104X	C CAP.	0.1μF 25V Z
C0009	NCB21HK-102X	C CAP.	1000pF 50V K
C0100	NEHE1CM-227X	E CAP.	220μF 16V M
C0102-07	NCB21HK-472X	C CAP.	4700pF 50V K
C0110	NCB21HK-222X	C CAP.	2200pF 50V K
C0111	NEH71HM-335X	E CAP.	3.3μF 50V M
C0112	QLBL1HJ-683	M CAP.	0.068μF 50V J
C0113	NEH71HM-105X	E CAP.	1μF 50V M
C0114	NDC21HJ-561X	C CAP.	560pF 50V J
C0115	NEH71HM-335X	E CAP.	3.3μF 50V M
C0116	NEHE1EM-107X	E CAP.	100μF 25V M
C0117	NCB21HK-103X	C CAP.	0.01μF 50V K
C0118	NCB21HK-682X	C CAP.	6800pF 50V K
C0119	NCB21HK-103X	C CAP.	0.01μF 50V K
C0120	NEH71HM-105X	E CAP.	1μF 50V M
C0121	NCB21HK-472X	C CAP.	4700pF 50V K
C0123	NEHE1EM-107X	E CAP.	100μF 25V M
C0124	NCB21HK-103X	C CAP.	0.01μF 50V K
C0126	NCB21HK-103X	C CAP.	0.01μF 50V K
C0127	NDC21HJ-7R0X	C CAP.	7.0pF 50V J
C0128	NDC21HJ-100X	C CAP.	10pF 50V J
C0129	QETM1CM-107	E CAP.	100μF 16V M
C0130	NDC21HJ-102X	C CAP.	1000pF 50V J
C0131	NEH71HM-474X	E CAP.	0.47μF 50V M
C0132	NDC21HJ-6R0X	C CAP.	6.0pF 50V J
C0133	NCB21HK-472X	C CAP.	4700pF 50V K
C0134	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
C0135	NEH71EM-336X	E CAP.	33μF 25V M
C0136	NCB21HK-103X	C CAP.	0.01μF 50V K
C0137	NCB21HK-472X	C CAP.	4700pF 50V K
C0138	NEH71HM-474X	E CAP.	0.47μF 50V M
C0140	NCB21HK-103X	C CAP.	0.01μF 50V K
C0141	NDC21HJ-120X	C CAP.	12pF 50V J
C0142	NCB21HK-103X	C CAP.	0.01μF 50V K
C0143-44	NCB21HK-472X	C CAP.	4700pF 50V K
C0145	NCF21EZ-104X	C CAP.	0.1μF 25V Z
C0148	NCB21HK-472X	C CAP.	4700pF 50V K
C0149	NCF21EZ-104X	C CAP.	0.1μF 25V Z
C0152	NDC21HJ-121X	C CAP.	120pF 50V J
C0154-55	NCF21EZ-104X	C CAP.	0.1μF 25V Z
C0160	NEH71CM-476X	E CAP.	47μF 16V M
C0161	NDC21HJ-221X	C CAP.	220pF 50V J
C0162	NCB21HK-103X	C CAP.	0.01μF 50V K

Symbol No.	Part No.	Part Name	Description
CAPACITOR			
C0163	NEHE1EM-107X	E CAPACITOR	100μF 25V M
C0164-67	NCB21HK-103X	C CAP.	0.01μF 50V K
C0304	NCB21HK-332X	C CAP.	3300pF 50V K
C0305	NCF21EZ-474X	C CAP.	0.47μF 25V Z
C0306	NEN51HM-105X	CHIP AL BP E CAP	1μF 50V M
C0307	NCF21EZ-104X	C CAP.	0.1μF 25V Z
C0308	NCB21HK-332X	C CAP.	3300pF 50V K
C0309	NCF21EZ-104X	C CAP.	0.1μF 25V Z
C0310-11	NDC21HJ-150X	C CAP.	15pF 50V J
C0312-16	NCF21EZ-104X	C CAP.	0.1μF 25V Z
C0317	QETN1AM-477Z	E CAP.	470μF 10V M
C0318-20	NCF21EZ-104X	C CAP.	0.1μF 25V Z
C0321-23	NEH71CM-476X	E CAP.	47μF 16V M
C0601	NCB21HK-183X	C CAP.	0.018μF 50V K
C0602	QETN1CM-477Z	E CAP.	470μF 16V M
C0603	NCB21HK-103X	C CAP.	0.01μF 50V K
C0604	NEH71CM-476X	E CAP.	47μF 16V M
C0605	NEH71CM-106X	E CAP.	10μF 16V M
C0606	NEH71HM-105X	E CAP.	1μF 50V M
C0607	NCB21HK-223X	C CAP.	0.022μF 50V K
C0800	NEH71CM-106X	E CAP.	10μF 16V M
C0801	NEH71CM-476X	E CAP.	47μF 16V M
C0802-03	NCF21EZ-104X	C CAP.	0.1μF 25V Z
C0804	NCB21HK-104X	CHIP CAP.	0.1μF 50V K
C0805-08	NCF21EZ-104X	C CAP.	0.1μF 25V Z
C0809	NCB21HK-104X	CHIP CAP.	0.1μF 50V K
C0813-14	NCF21EZ-104X	C CAP.	0.1μF 25V Z
C0817	NCB21HK-104X	CHIP CAP.	0.1μF 50V K
C0818	NCF21EZ-104X	C CAP.	0.1μF 25V Z
C0822-26	NCF21EZ-104X	C CAP.	0.1μF 25V Z
C0829-36	NCF21EZ-104X	C CAP.	0.1μF 25V Z
C0837-38	NEH71CM-476X	E CAP.	47μF 16V M
C0844	NCF21EZ-104X	C CAP.	0.1μF 25V Z
C0845	NEH71CM-476X	E CAP.	47μF 16V M
C0846	NDC21HJ-270Z	C CAP.	27pF 50V J
C0850	NEH71CM-106X	E CAP.	10μF 16V M
C0851-52	NCB21EK-104X	C CAP.	0.1μF 25V K
C0853	NEH71CM-106X	E CAP.	10μF 16V M
C0854-55	NCB21EK-104X	C CAP.	0.1μF 25V K
C0856	NEH71CM-476X	E CAP.	47μF 16V M
C0857	NEH71EM-475X	E CAP.	4.7μF 25V M
C0858	NCF21EZ-104X	C CAP.	0.1μF 25V Z
C0859	NDC21HJ-220X	C CAP.	22pF 50V J
C0860	NDC21HJ-680X	C CAP.	68pF 50V J
C0861	NDC21HJ-220X	C CAP.	22pF 50V J
C0862-64	NDC21HJ-680X	C CAP.	68pF 50V J
C0865	NEH71CM-106X	E CAP.	10μF 16V M
C0866-71	NCF21EZ-104X	C CAP.	0.1μF 25V Z
C0872	NCB21HK-104X	CHIP CAP.	0.1μF 50V K
C0873	NCF21EZ-104X	C CAP.	0.1μF 25V Z
C0874	NCB21HK-104X	CHIP CAP.	0.1μF 50V K
C0875	NEN51HM-105X	CHIP AL BP E CAP	1μF 50V M
C0876	NDC21HJ-221X	C CAP.	220pF 50V J
C0877	NEH71CM-106X	E CAP.	10μF 16V M
TRANSFORMER			
T0001	QQR0626-001	I.F.TRANSF.	
T0101	CELT001-306	C.WAVE TRANSF.	
T0102	CELT040-301	S.I.F.TRANSF.	
T0103	CELT001-307	C.WAVE TRANSF.	
COIL			
L0001	NQL02BJ-330X	COIL	33μH
L0002-05	NQL024J-100X	COIL	10μH
L0100	QQLZ014-R47	PEAKING COIL	0.47μH
L0102	NQL01K-1R5X	COIL	1.5μH
L0103	NQL024J-120X	COIL	12μH
L0104-06	NQL01K-8R2X	COIL	8.2μH
L0108	NQL01K-8R2X	COIL	8.2μH
L0109	NQL01K-5R6X	COIL	5.6μH

△	Symbol No.	Part No.	Part Name	Description
COIL				
L0151-52	NQL011K-100X	COIL	10μH	
L0160	NQL011K-100X	COIL	10μH	
L0165	NQL011K-4R7X	COIL	4.7μH	
L0801	NQL02BJ-4R7X	COIL	4.7μH	
L0803	NQL011K-4R7X	COIL	4.7μH	
L0804	NQL02BJ-4R7X	COIL	4.7μH	
L0805-06	NQL011K-4R7X	COIL	4.7μH	
DIODE				
D0100-03	DAN235K-X	CHIP DIODE		
TRANSISTOR				
Q0100	2SC5083/L-P-T	SI.TRANSISTOR		
Q0101-04	DTC144EKA-X	DIGI.TRANSISTOR		
Q0105	ZSC2712/YG-X	SI.TRANSISTOR		
Q0106-07	DTC144EKA-X	DIGI.TRANSISTOR		
Q0108	ZSC2712/YG-X	SI.TRANSISTOR		
Q0109	DTC144EKA-X	DIGI.TRANSISTOR		
Q0110	ZSC2712/YG-X	SI.TRANSISTOR		
Q0111-12	DTC323TK-X	DIGI.TRANSISTOR		
Q0160	DTC144EKA-X	DIGI.TRANSISTOR		
Q0161	ZSC2712/YG-X	SI.TRANSISTOR		
Q0162	ZSA1162/YG-X	SI.TRANSISTOR		
Q0163	DTC144EKA-X	DIGI.TRANSISTOR		
Q0164	ZSC2712/YG-X	SI.TRANSISTOR		
Q0166	ZSA1162/YG-X	SI.TRANSISTOR		
Q0167	DTC144EKA-X	DIGI.TRANSISTOR		
Q0169	ZSC2712/YG-X	SI.TRANSISTOR		
Q0170	DTC144EKA-X	DIGI.TRANSISTOR		
Q0171	ZSC2712/YG-X	SI.TRANSISTOR		
Q0600-01	ZSC2712/YG-X	SI.TRANSISTOR		
Q0801-04	ZSA1162/YG-X	SI.TRANSISTOR		
Q0805	ZSC2712/YG-X	SI.TRANSISTOR		
Q0806-07	ZSA1162/YG-X	SI.TRANSISTOR		
Q0808-09	ZSC2712/YG-X	SI.TRANSISTOR		
Q0810	ZSA1162/YG-X	SI.TRANSISTOR		
IC				
IC0101	TA8865BN	I.C.(MONO-ANA)		
IC0102	LA7975	I.C.(MONO-ANA)		
IC0301	TDA9143/N3	I.C.(MONO-ANA)		
IC0302	TDA4665/V5	I.C.(MONO-ANA)		
IC0303	LA7016	I.C.(MONO-ANA)		
IC0801	SAB9079HS/N1	I.C.(DIGI-MOS)		
IC0802	MSM5416283-60-X	4M VD-RAM		
IC0803	AN5860	I.C.(MONO-ANA)		
IC0804	TC4066BF/N-/XE	I.C.		
IC0805	CXA1875AM-X	I.C.(MONO-ANA)		
OTHERS				
CF0101	LC30835-001A-C	SHIELD COVER		
CF0102-03	CSB503F30-T2	CER.RESONATOR		
CF0160	FTP40..40MF	CERAMIC FILTER		
CF0162	TP55..5W	CERAMIC FILTER		
CF0164-65	QAX0336-001	CERAMIC FILTER		
CF0166	QAX0337-001	CERAMIC FILTER		
CF0168	CSB503E5	CER.RESONATOR		
K0001-02	QAX0338-001	CERAMIC FILTER		
SF0100	CE41433-001Z	BEADS CORE		
SF0101	QAX0531-001	SAW FILTER		
SF0102	CE42574-702	SAW FILTER		
TC0122	QAX0574-001	SAW FILTER		
TC0122	QAT7004-100	TRIM.CAP.	10pF 100V	
TC0139	QAT7004-100	TRIM.CAP.	10pF 100V	
TU0001	CEEK481-A04	TUNER		
UD0001	CEGA016-001	RF SPLITTER		
W0001	NRSA02J-OROX	MG R	0.0Ω 1/10W J	
X0301	CE40749-001Z	CRYSTAL		
X0302	CE40668-001Z	CRYSTAL		
Y0107	NRSA02J-224X	MG R	220kΩ 1/10W J	
Y0108-09	NRSA02J-OROX	MG R	0.0Ω 1/10W J	

**SUB MICON & AUTO PANORAMA ASS'Y
(SMD0W001A-U2)**

△	Symbol No.	Part No.	Part Name	Description
RESISTOR				
R0001	NRSA02J-101X	MG R	100Ω 1/10W J	
R0002	NRSA02J-104X	MG R	100kΩ 1/10W J	
R0003	NRSA02J-393X	MG R	39kΩ 1/10W J	
R0004	NRSA02J-332X	MG R	3.3kΩ 1/10W J	
R0005-07	NRSA02J-102X	MG R	1kΩ 1/10W J	
R0008	NRSA02J-472X	MG R	4.7kΩ 1/10W J	
R0009	NRSA02J-331X	MG R	33Ω 1/10W J	
R0010	NRSA02J-102X	MG R	1kΩ 1/10W J	
R0011	NRSA02J-332X	MG R	3.3kΩ 1/10W J	
R0012	NRSA02J-272X	MG R	2.7kΩ 1/10W J	
R0020-26	NRSA02J-102X	MG R	1kΩ 1/10W J	
R0045	NRSA02J-472X	MG R	4.7kΩ 1/10W J	
R0051	NRSA02J-472X	MG R	4.7kΩ 1/10W J	
R0054	NRSA02J-103X	MG R	10kΩ 1/10W J	
R0060	NRSA02J-823X	MG R	82kΩ 1/10W J	
R0751	NRSA02J-102X	MG R	1kΩ 1/10W J	
R0752-57	NRSA02J-103X	MG R	10kΩ 1/10W J	
R0758	NRSA02J-472X	MG R	4.7kΩ 1/10W J	
R0759-60	NRSA02J-103X	MG R	10kΩ 1/10W J	
R0761-66	NRSA02J-822X	MG R	8.2kΩ 1/10W J	
CAPACITOR				
C0001	NEN51AM-336X	CHIP AL BP E CAP	33μF 10V M	
C0002	NDC21HJ-221X	C CAP.	220pF 50V J	
C0003	NDC21HJ-220X	C CAP.	22pF 50V J	
C0004-05	NCB21HK-104X	CHIP CAP.	0.1μF 50V K	
C0006	NEH71CM-476X	E CAP.	47μF 16V M	
C0009	NEH71CM-106X	E CAP.	10μF 16V M	
C0010-11	NCB21HK-104X	CHIP CAP.	0.1μF 50V K	
C0751	NEH71CM-476X	E CAP.	47μF 16V M	
C0752-57	NCB21HK-104X	CHIP CAP.	0.1μF 50V K	
C0758	NCB21HK-103X	C CAP.	0.01μF 50V K	
DIODE				
D0005	MA3051/M-X	ZENER DIODE		
D0751	MA111-X	SI.DIODE		
D0752-53	MA3062/M-X	ZENER DIODE		
TRANSISTOR				
Q0001-02	2SC2412K/QR-X	SI.TRANSISTOR		
Q0003	2SA1037K/QR-X	SI.TRANSISTOR		
Q0004-05	2SC2412K/QR-X	SI.TRANSISTOR		
Q0751-52	2SC2712/YG-X	SI.TRANSISTOR		
IC				
IC0001	JCC5035	I C		
IC0002	MN1382/Q/-X	I.C.(MONO-ANA)		
IC0751	SAB-C161RI-W	I.C.(DIGI-MOS)		
IC0752	MX23C4000PC10MD	IC		
IC0753	BR24C16F-X	I.C.(MEMORY-OTH)		
OTHERS				
X0001	CEMS007-032	IC SOCKET		
X0751	CE42564-001Y	CER.RESONATOR		
X0751	QAX0534-001	C RESONATOR		

100Hz PW BOARD ASS'Y (SMD0Z005A-U2)

△ Symbol No.	Part No.	Part Name	Description
RESISTOR			
R0001-02	NRSA02J-101X	MG R	100Ω 1/10W J
R0004	NRSA02J-222X	MG R	2.2kΩ 1/10W J
R0005	NRSA02J-472X	MG R	4.7kΩ 1/10W J
R0101	NRSA02J-101X	MG R	100Ω 1/10W J
R0102	NRSA02J-102X	MG R	1kΩ 1/10W J
R0103	NRSA02J-331X	MG R	330Ω 1/10W J
R0104	NRSA02J-222X	MG R	2.2kΩ 1/10W J
R0105	NRSA02J-473X	MG R	47kΩ 1/10W J
R0106	NRSA02J-273X	MG R	27kΩ 1/10W J
R0107	NRSA02J-331X	MG R	330Ω 1/10W J
R0108	NRSA02J-181X	MG R	180Ω 1/10W J
R0109-10	NRSA02J-101X	MG R	100Ω 1/10W J
R0111	NRSA02J-222X	MG R	2.2kΩ 1/10W J
R0112	NRSA02J-101X	MG R	100Ω 1/10W J
R0113	NRSA02J-471X	MG R	470Ω 1/10W J
R0114	NRSA02J-221X	MG R	220Ω 1/10W J
R0121	NRSA02J-101X	MG R	100Ω 1/10W J
R0122	NRSA02J-102X	MG R	1kΩ 1/10W J
R0123	NRSA02J-331X	MG R	330Ω 1/10W J
R0124	NRSA02J-222X	MG R	2.2kΩ 1/10W J
R0125	NRSA02J-473X	MG R	47kΩ 1/10W J
R0126	NRSA02J-273X	MG R	27kΩ 1/10W J
R0127	NRSA02J-271X	MG R	270Ω 1/10W J
R0128	NRSA02J-181X	MG R	180Ω 1/10W J
R0129	NRSA02J-101X	MG R	100Ω 1/10W J
R0130	NRSA02J-330X	MG R	33Ω 1/10W J
R0131	NRSA02J-222X	MG R	2.2kΩ 1/10W J
R0132	NRSA02J-101X	MG R	100Ω 1/10W J
R0133	NRSA02J-471X	MG R	470Ω 1/10W J
R0134	NRSA02J-221X	MG R	220Ω 1/10W J
R0141	NRSA02J-101X	MG R	100Ω 1/10W J
R0142	NRSA02J-102X	MG R	1kΩ 1/10W J
R0143	NRSA02J-331X	MG R	330Ω 1/10W J
R0144	NRSA02J-222X	MG R	2.2kΩ 1/10W J
R0145	NRSA02J-473X	MG R	47kΩ 1/10W J
R0146	NRSA02J-273X	MG R	27kΩ 1/10W J
R0147	NRSA02J-271X	MG R	270Ω 1/10W J
R0148	NRSA02J-181X	MG R	180Ω 1/10W J
R0149	NRSA02J-101X	MG R	100Ω 1/10W J
R0150	NRSA02J-150X	MG R	15Ω 1/10W J
R0151	NRSA02J-222X	MG R	2.2kΩ 1/10W J
R0152	NRSA02J-101X	MG R	100Ω 1/10W J
R0153	NRSA02J-471X	MG R	470Ω 1/10W J
R0154	NRSA02J-221X	MG R	220Ω 1/10W J
R0155	NRSA02J-100X	MG R	10Ω 1/10W J
R0156	NRSA02J-122X	MG R	1.2kΩ 1/10W J
R0157	NRSA02J-560X	MG R	56Ω 1/10W J
R0158	NRSA02J-680X	MG R	68Ω 1/10W J
R0159	NRSA02J-101X	MG R	100Ω 1/10W J
R0160	NRSA02J-333X	MG R	33kΩ 1/10W J
R0161	NRSA02J-223X	MG R	22kΩ 1/10W J
R0162	NRSA02J-122X	MG R	1.2kΩ 1/10W J
R0163	NRSA02J-181X	MG R	180Ω 1/10W J
R0164	NRSA02J-680X	MG R	68Ω 1/10W J
R0165	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R0171	NRSA02J-101X	MG R	100Ω 1/10W J
R0172	NRSA02J-102X	MG R	1kΩ 1/10W J
R0173	NRSA02J-182X	MG R	1.8kΩ 1/10W J
R0174	NRSA02J-560X	MG R	56Ω 1/10W J
R0175	NRSA02J-105X	MG R	1MΩ 1/10W J
R0176	NRSA02J-681X	MG R	680Ω 1/10W J
R0177	NRSA02J-104X	MG R	100kΩ 1/10W J
R0178	NRSA02J-101X	MG R	100Ω 1/10W J
R0179	NRSA02J-471X	MG R	470Ω 1/10W J
R0180	NRSA02J-102X	MG R	1kΩ 1/10W J
R0181-82	NRSA02F-392X	MG R	3.9kΩ 1/10W F
R0183-84	NRSA02J-122X	MG R	1.2kΩ 1/10W J
R0185	NRSA02F-392X	MG R	3.9kΩ 1/10W F
R0186	NRSA02F-332X	MG R	3.3kΩ 1/10W F
R0187	NRSA02J-101X	MG R	100Ω 1/10W J
R0188	NRSA02J-563X	MG R	56kΩ 1/10W J

△ Symbol No.	Part No.	Part Name	Description
RESISTOR			
R0189	NRSA02J-470X	MG R	47Ω 1/10W J
R0190	NRSA02J-102X	MG R	1kΩ 1/10W J
R0191	NRSA02J-221X	MG R	220Ω 1/10W J
R0192	NRSA02J-220X	MG R	22Ω 1/10W J
R0193	NRSA02J-104X	MG R	100kΩ 1/10W J
R0201-16	NRSA02J-101X	MG R	100Ω 1/10W J
R0221-36	NRSA02J-101X	MG R	100Ω 1/10W J
R0303-18	NRSA02J-101X	MG R	100Ω 1/10W J
R0401	NRSA02J-103X	MG R	10kΩ 1/10W J
R0403	NRSA02J-223X	MG R	22kΩ 1/10W J
R0404	NRSA02J-222X	MG R	2.2kΩ 1/10W J
R0406	NRSA02J-102X	MG R	1kΩ 1/10W J
R0408	NRSA02J-561X	MG R	560Ω 1/10W J
R0409	NRSA02J-102X	MG R	1kΩ 1/10W J
R0411	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R0412	NRSA02J-561X	MG R	560Ω 1/10W J
R0413	NRSA02J-101X	MG R	100Ω 1/10W J
R0415	NRSA02J-151X	MG R	150Ω 1/10W J
R0417	NRSA02J-102X	MG R	1kΩ 1/10W J
R0418	NRSA02J-220X	MG R	22Ω 1/10W J
R0419	NRSA02J-101X	MG R	100Ω 1/10W J
R0420	NRSA02J-471X	MG R	470Ω 1/10W J
R0425	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R0426	NRSA02J-122X	MG R	1.2kΩ 1/10W J
R0428	NRSA02F-5231X	MG R	5.23kΩ 1/10W F
R0429	NRSA02F-333X	MG R	33kΩ 1/10W F
R0431	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R0432	NRSA02J-561X	MG R	560Ω 1/10W J
R0433	NRSA02J-101X	MG R	100Ω 1/10W J
R0435	NRSA02J-151X	MG R	150Ω 1/10W J
R0437	NRSA02J-102X	MG R	1kΩ 1/10W J
R0438	NRSA02J-220X	MG R	22Ω 1/10W J
R0439	NRSA02J-101X	MG R	100Ω 1/10W J
R0440	NRSA02J-471X	MG R	470Ω 1/10W J
R0441	NRSA02J-122X	MG R	1.2kΩ 1/10W J
R0442	NRSA02F-562X	MG R	5.6kΩ 1/10W F
R0443	NRSA02F-333X	MG R	33kΩ 1/10W F
R0451	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R0452	NRSA02J-561X	MG R	560Ω 1/10W J
R0453	NRSA02J-101X	MG R	100Ω 1/10W J
R0455	NRSA02J-151X	MG R	150Ω 1/10W J
R0457	NRSA02J-102X	MG R	1kΩ 1/10W J
R0458	NRSA02J-220X	MG R	22Ω 1/10W J
R0459	NRSA02J-101X	MG R	100Ω 1/10W J
R0460	NRSA02J-471X	MG R	470Ω 1/10W J
R0461	NRSA02J-122X	MG R	1.2kΩ 1/10W J
R0462	NRSA02F-5231X	MG R	5.23kΩ 1/10W F
R0463	NRSA02F-333X	MG R	33kΩ 1/10W F
R0471	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R0472	NRSA02J-391X	MG R	390Ω 1/10W J
R0473	NRSA02J-101X	MG R	100Ω 1/10W J
R0475	NRSA02J-330X	MG R	33Ω 1/10W J
R0476	NRSA02J-122X	MG R	1.2kΩ 1/10W J
R0477	NRSA02J-102X	MG R	1kΩ 1/10W J
R0478	NRSA02J-220X	MG R	22Ω 1/10W J
R0479	NRSA02J-101X	MG R	100Ω 1/10W J
R0480	NRSA02J-221X	MG R	220Ω 1/10W J
R0486	NRSA02J-683X	MG R	68kΩ 1/10W J
R0487	NRSA02J-103X	MG R	10kΩ 1/10W J
R0488	NRSA02J-223X	MG R	22kΩ 1/10W J
R0489	NRSA02J-562X	MG R	5.6kΩ 1/10W J
R0491-92	NRSA02J-102X	MG R	1kΩ 1/10W J
R0501	NRSA02J-823X	MG R	82kΩ 1/10W J
R0504	NRSA02J-472X	MG R	4.7kΩ 1/10W J
R0505	NRSA02J-272X	MG R	2.7kΩ 1/10W J
R0506	NRSA02J-472X	MG R	4.7kΩ 1/10W J
R0507	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R0512	NRSA02J-103X	MG R	10kΩ 1/10W J
R0514-15	NRSA02J-682X	MG R	6.8kΩ 1/10W J
R0516	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R0602-03	NRSA02J-680X	MG R	68Ω 1/10W J

△	Symbol No.	Part No.	Part Name	Description
RESISTOR				
R0604	QRN143J-221X	C R	220Ω 1/4W	J
R0606	NRSA02J-680X	MG R	68Ω 1/10W	J
R0607-08	NRSA02J-OROX	MG R	0.0Ω 1/10W	J
R0609	NRSA02J-100X	MG R	10Ω 1/10W	J
R0610	NRSA02J-OROX	MG R	0.0Ω 1/10W	J
R0611	NRSA02J-100X	MG R	10Ω 1/10W	J
R0612-13	NRSA02J-560X	MG R	56Ω 1/10W	J
R0614	NRSA02J-100X	MG R	10Ω 1/10W	J
R0615	NRSA02J-822X	MG R	8.2kΩ 1/10W	J
R0616	NRSA02J-223X	MG R	22kΩ 1/10W	J
R0704	NRSA02J-OROX	MG R	0.0Ω 1/10W	J
R0705-06	N RVA02D-123X	MF R	12kΩ 1/10W	D
	N RVA02D-123X	MF R	12kΩ 1/10W	D
R0709	N RVA02D-103X	MF R	10kΩ 1/10W	D
R0714	N RVA02D-123X	MF R	12kΩ 1/10W	D
R0715	N RSA02J-333X	MG R	33kΩ 1/10W	J
R0716	N RSA02J-273X	MG R	27kΩ 1/10W	J
R0717	N RSA02J-123X	MG R	12kΩ 1/10W	J
R0718	N RSA02J-473X	MG R	47kΩ 1/10W	J
R0719	N RSA02J-472X	MG R	4.7kΩ 1/10W	J
R0720	N RSA02J-223X	MG R	22kΩ 1/10W	J
R0721	N RSA02J-123X	MG R	12kΩ 1/10W	J
R0723	N RSA02J-682X	MG R	6.8kΩ 1/10W	J
R0724	N RSA02J-272X	MG R	2.7kΩ 1/10W	J
R0726	N RSA02J-153X	MG R	15kΩ 1/10W	J
R0727	N RSA02J-563X	MG R	56kΩ 1/10W	J
R0731	N RSA02J-OROX	MG R	0.0Ω 1/10W	J
R0733	N RSA02J-154X	MG R	150kΩ 1/10W	J
R0734	N RSA02J-123X	MG R	12kΩ 1/10W	J
R0736	N RSA02J-123X	MG R	12kΩ 1/10W	J
R0737	N RSA02J-224X	MG R	220kΩ 1/10W	J
R0738	N RSA02J-273X	MG R	27kΩ 1/10W	J
R0739	N RSA02J-332X	MG R	3.3kΩ 1/10W	J
R0740	N RSA02J-682X	MG R	6.8kΩ 1/10W	J
R0741	N RSA02J-223X	MG R	22kΩ 1/10W	J
R0742	N RSA02J-224X	MG R	220kΩ 1/10W	J
R0743	N RSA02J-683X	MG R	68kΩ 1/10W	J
R0744	N RSA02J-224X	MG R	220kΩ 1/10W	J
R0745	N RSA02J-563X	MG R	56kΩ 1/10W	J
R0746	N RSA02J-683X	MG R	68kΩ 1/10W	J

△	Symbol No.	Part No.	Part Name	Description
CAPACITOR				
C0001	NEH71CM-476X	E CAP.	47μF 16V	M
C0002	NCF21EZ-104X	C CAP.	0.1μF 25V	Z
C0003	NEH71CM-476X	E CAP.	47μF 16V	M
C0004	NCF21EZ-104X	C CAP.	0.1μF 25V	Z
C0005	NEH71CM-476X	E CAP.	47μF 16V	M
C0006	NCF21EZ-104X	C CAP.	0.1μF 25V	Z
C0007	NEH71CM-476X	E CAP.	47μF 16V	M
C0008	NCF21EZ-104X	C CAP.	0.1μF 25V	Z
C0009	NDC21HJ-121X	C CAP.	120pF 50V	J
C0011	NDC21HJ-270X	C CAP.	27pF 50V	J
C0102	NDC21HJ-121X	C CAP.	120pF 50V	J
C0103	NDC21HJ-680X	C CAP.	68pF 50V	J
C0104	NEN51EM-106X	CHIP AL BP E CAP	10μF 25V	M
C0105	NCF21HZ-224X	C CAP.	0.22μF 50V	Z
C0106	NCF21EZ-104X	C CAP.	0.1μF 25V	Z
C0107	NDC21HJ-390X	C CAP.	39pF 50V	J
C0108	NEH71CM-476X	E CAP.	47μF 16V	M
C0109	NEN51HM-105X	CHIP AL BP E CAP	1μF 50V	M
C0110	NCB21HK-103X	C CAP.	0.01μF 50V	K
C0111	NDC21HJ-181X	C CAP.	180pF 50V	J
C0112-14	NEH71CM-106X	E CAP.	10μF 16V	M
C0122	NDC21HJ-121X	C CAP.	120pF 50V	J
C0123	NDC21HJ-680X	C CAP.	68pF 50V	J
C0124	NEN51HM-105X	CHIP AL BP E CAP	1μF 50V	M
C0125	NCF21HZ-224X	C CAP.	0.22μF 50V	Z
C0126	NCF21EZ-104X	C CAP.	0.1μF 25V	Z
C0142	NDC21HJ-121X	C CAP.	120pF 50V	J
C0143	NDC21HJ-680X	C CAP.	68pF 50V	J
C0144	NEN51HM-105X	CHIP AL BP E CAP	1μF 50V	M

△	Symbol No.	Part No.	Part Name	Description
CAPACITOR				
C0145	NCF21HZ-224X	C CAP.	0.22μF 50V	Z
C0146	NCF21EZ-104X	C CAP.	0.1μF 25V	Z
C0151	NCB21HK-103X	C CAP.	0.01μF 50V	K
C0152	QETNOJM-228Z	E CAP.	2200μF 6.3V	M
C0153	NCF21EZ-104X	C CAP.	0.1μF 25V	Z
C0154-55	NEH71HM-105X	E CAP.	1μF 50V	M
C0156-57	NCF21EZ-104X	C CAP.	0.1μF 25V	Z
C0161-62	NEH71CM-106X	E CAP.	10μF 16V	M
C0163	NCF21EZ-104X	C CAP.	0.1μF 25V	Z
C0164	NEH71CM-106X	E CAP.	10μF 16V	M
C0165-80	NCF21EZ-104X	C CAP.	0.1μF 25V	Z
C0181-82	NDC21HJ-880X	C CAP.	8.0pF 50V	J
C0191	NCF21EZ-104X	C CAP.	0.1μF 25V	Z
C0192	NEH71CM-106X	E CAP.	10μF 16V	M
C0193	NCB21HK-103X	C CAP.	0.01μF 50V	K
C0194	NRSA02J-223X	MG R	22kΩ 1/10W	J
C0201-02	QETNOJM-477Z	E CAP.	470μF 6.3V	M
C0203-07	NCF21EZ-104X	C CAP.	0.1μF 25V	Z
C0208-09	NDC21HJ-150X	C CAP.	15pF 50V	J
C0301-19	NCF21EZ-104X	C CAP.	0.1μF 25V	Z
C0401	NEH71CM-106X	E CAP.	10μF 16V	M
C0402	NCF21EZ-104X	C CAP.	0.1μF 25V	Z
C0403	NEH71CM-106X	E CAP.	10μF 16V	M
C0404	NCF21EZ-104X	C CAP.	0.1μF 25V	Z
C0405-06	NDC21HJ-120X	C CAP.	12pF 50V	J
C0408-13	NCB21HK-103X	C CAP.	0.01μF 50V	K
C0414	NCF21EZ-104X	C CAP.	0.1μF 25V	Z
C0415	NEH71HM-105X	E CAP.	1μF 50V	M
C0416	NEH71CM-106X	E CAP.	10μF 16V	M
C0417	NCF21EZ-104X	C CAP.	0.1μF 25V	Z
C0420	NEH71HM-105X	E CAP.	1μF 50V	M
C0422	NRSA02J-OROX	MG R	0.0Ω 1/10W	J
C0424	NEH71HM-105X	E CAP.	1μF 50V	M
C0425	NEH71CM-476X	E CAP.	47μF 16V	M
C0426	NCF21EZ-104X	C CAP.	0.1μF 25V	Z
C0432	NRSA02J-OROX	MG R	0.0Ω 1/10W	J
C0434	NEH71HM-105X	E CAP.	1μF 50V	M
C0435	NCF21EZ-104X	C CAP.	0.1μF 25V	Z
C0452	NRSA02J-OROX	MG R	0.0Ω 1/10W	J
C0454	NEH71HM-105X	E CAP.	1μF 50V	M
C0455	NCF21EZ-104X	C CAP.	0.1μF 25V	Z
C0472	NRSA02J-OROX	MG R	0.0Ω 1/10W	J
C0474	NEH71HM-105X	E CAP.	1μF 50V	M
C0475-76	NCF21EZ-104X	C CAP.	0.1μF 25V	Z
C0477	NDC21HJ-561X	C CAP.	560pF 50V	J
C0501	NCB21HK-333X	C CAP.	0.033μF 50V	K
C0504	NCB21HK-562X	C CAP.	5600pF 50V	K
C0505-06	NCB21HK-393X	C CAP.	0.039μF 50V	K
C0601	NCF21EZ-104X	C CAP.	0.1μF 25V	Z
C0602	NEH71CM-476X	E CAP.	47μF 16V	M
C0603	NCF21EZ-104X	C CAP.	0.1μF 25V	Z
C0605	NCF21EZ-104X	C CAP.	0.1μF 25V	Z
C0606	NDC21HJ-681X	C CAP.	680pF 50V	J
C0701	NCB21HK-102X	C CAP.	1000pF 50V	K
C0706	NCB21EK-154X	C CAP.	0.15μF 25V	K
C0707	NCB21EK-104X	C CAP.	0.1μF 25V	K
C0708	NCB21HK-103X	C CAP.	0.01μF 50V	K
C0709	NCF21EZ-104X	C CAP.	0.1μF 25V	Z
C0710	NEH71CM-106X	E CAP.	10μF 16V	M
C0711	NCF21EZ-104X	C CAP.	0.1μF 25V	Z
C0712	NEH71CM-106X	E CAP.	10μF 16V	M
C0713	NCB21HK-223X	C CAP.	0.022μF 50V	K
L0001-05	NQL02BJ-4R7X	COIL	4.7μH	
L0101	NQL01K-3R3X	COIL	3.3μH	
L0121	NQL01K-3R3X	COIL	3.3μH	
L0141	NQL01K-3R3X	COIL	3.3μH	
L0161	NQL02BJ-100X	COIL	10μH	
L0162	NQL02BJ-3R3X	COIL	3.3μH	
L0163-64	NQL02BJ-100X	COIL	10μH	

△	Symbol No.	Part No.	Part Name	Description	△	Symbol No.	Part No.	Part Name	Description
COIL									
L0201-02	NQL02BJ-100X	COIL		10μH	LC0401-11	CE42126-220Y	FILTER		
L0301-02	NQL02BJ-4R7X	COIL		4.7μH	LC0601	CE42126-101Y	FILTER		
DIODE									
D0001	MA152WK-X	SI.DIODE			LC0602	CE42482-470Y	EMI FILTER		
D0101-02	MA3068/M/-X	ZENER DIODE			LC0603	CE42126-101Y	FILTER		
D0103	MA3043-X	ZENER DIODE			X0101	QAX0549-001Z	X TAL		
D0104-05	MA111-X	SI.DIODE			X0201	QAX0359-001Z	CRYSTAL		
D0106	MA3068/M/-X	ZENER DIODE			X0401	QAX0548-001Z	CRYSTAL		
D0107	MA111-X	SI.DIODE			Y0001-14	NRSA02J-OROX	MG R	0.0Ω 1/10W J	
D0401	MA111-X	SI.DIODE			Y0017-28	NRSA02J-OROX	MG R	0.0Ω 1/10W J	
D0403-10	MA3068/M/-X	ZENER DIODE							
D0411-13	MA111-X	SI.DIODE							
D0414	MA3068/M/-X	ZENER DIODE							
D0701	MA111-X	SI.DIODE							
TRANSISTOR									
Q0101	2SA1162/YG/-X	SI.TRANSISTOR			Q0102	2SC2712/YG/-X	SI.TRANSISTOR		
Q0103	2SA1162/YG/-X	SI.TRANSISTOR			Q0104	2SC2712/YG/-X	SI.TRANSISTOR		
Q0104	2SC2712/YG/-X	SI.TRANSISTOR			Q0105	2SA1162/YG/-X	SI.TRANSISTOR		
Q0106-07	2SC2712/YG/-X	SI.TRANSISTOR			Q0108	2SA1162/YG/-X	SI.TRANSISTOR		
Q0109-10	2SC2712/YG/-X	SI.TRANSISTOR			Q0111	2SA1162/YG/-X	SI.TRANSISTOR		
Q0111	2SA1162/YG/-X	SI.TRANSISTOR			Q0112	2SA1162/YG/-X	SI.TRANSISTOR		
Q0112	2SC2712/YG/-X	SI.TRANSISTOR			Q0122	2SC2712/YG/-X	SI.TRANSISTOR		
Q0123	2SA1162/YG/-X	SI.TRANSISTOR			Q0124	2SC2712/YG/-X	SI.TRANSISTOR		
Q0124	2SC2712/YG/-X	SI.TRANSISTOR			Q0141	2SA1162/YG/-X	SI.TRANSISTOR		
Q0142	2SC2712/YG/-X	SI.TRANSISTOR			Q0143	2SA1162/YG/-X	SI.TRANSISTOR		
Q0144	2SC2712/YG/-X	SI.TRANSISTOR			Q0144	2SC2712/YG/-X	SI.TRANSISTOR		
Q0151-52	2SC2712/YG/-X	SI.TRANSISTOR			Q0152	2SC2712/YG/-X	SI.TRANSISTOR		
Q0153	2SA1162/YG/-X	SI.TRANSISTOR			Q0153	2SC2712/YG/-X	SI.TRANSISTOR		
Q0154	2SC2712/YG/-X	SI.TRANSISTOR			Q0154	2SC2712/YG/-X	SI.TRANSISTOR		
Q0155	2SA1162/YG/-X	SI.TRANSISTOR			Q0155	2SC2712/YG/-X	SI.TRANSISTOR		
Q0402	2SC2712/YG/-X	SI.TRANSISTOR			Q0402	2SC2712/YG/-X	SI.TRANSISTOR		
Q0403-05	2SA1162/YG/-X	SI.TRANSISTOR			Q0403	2SC2712/YG/-X	SI.TRANSISTOR		
Q0411	2SA1162/YG/-X	SI.TRANSISTOR			Q0411	2SC2712/YG/-X	SI.TRANSISTOR		
Q0412-15	2SC2712/YG/-X	SI.TRANSISTOR			Q0412	2SC2712/YG/-X	SI.TRANSISTOR		
Q0431	2SA1162/YG/-X	SI.TRANSISTOR			Q0431	2SA1162/YG/-X	SI.TRANSISTOR		
Q0432-35	2SC2712/YG/-X	SI.TRANSISTOR			Q0432	2SC2712/YG/-X	SI.TRANSISTOR		
Q0451	2SA1162/YG/-X	SI.TRANSISTOR			Q0451	2SA1162/YG/-X	SI.TRANSISTOR		
Q0452-55	2SC2712/YG/-X	SI.TRANSISTOR			Q0452	2SC2712/YG/-X	SI.TRANSISTOR		
Q0471	2SA1162/YG/-X	SI.TRANSISTOR			Q0471	2SA1162/YG/-X	SI.TRANSISTOR		
Q0472-74	2SC2712/YG/-X	SI.TRANSISTOR			Q0472	2SC2712/YG/-X	SI.TRANSISTOR		
Q0501	2SC2712/YG/-X	SI.TRANSISTOR			Q0501	2SC2712/YG/-X	SI.TRANSISTOR		
Q0601	2SC2712/YG/-X	SI.TRANSISTOR			Q0601	2SC2712/YG/-X	SI.TRANSISTOR		
Q0702	2SC2712/YG/-X	SI.TRANSISTOR			Q0702	2SC2712/YG/-X	SI.TRANSISTOR		
IC									
IC0101	SDA9206	I.C			IC0102	TC4W66F-X	I.C.(DIGI-MOS)		
IC0201	SDA9400	I.C			IC0301	JCC5043	I.C(DIGI-MOS)		
IC0401	DDP331OB/E4-W	I.C(M)							
OTHERS									
IC0601	SN74LV04ANS-X	I.C(DIGI-MOS)			IC0602	TC74AC00F-X	I.C(DIGI-MOS)		
IC0603	MN1382/Q/-X	I.C(MONO-ANA)			IC0603	MN1382/Q/-X	I.C(MONO-ANA)		
IC0701-02	NJM4556AM-XE	I.C(MONO-ANA)			LC0001-04	CE42482-103Y	EMI FILTER		
LC0001-04	CE42482-103Y	EMI FILTER			LC0101-03	CE42482-470Y	EMI FILTER		
LC0104	CE42126-101Y	EMI FILTER			LC0104	CE42126-101Y	EMI FILTER		
LC0201	CE42482-103Y	EMI FILTER							

AV-32WFP1EK(A)**PRINTED WIRING BOARD PARTS LIST****MAIN PW BOARD ASS'Y (SMD-1904A-U2)**

△ Symbol No.	Part No.	Part Name	Description	△ Symbol No.	Part No.	Part Name	Description
RESISTOR							
R1002	NRSA02J-103X	MG R	10kΩ 1/10W J	R1221	NRSA02J-391X	MG R	390Ω 1/10W J
R1003-06	NRSA02J-102X	MG R	1kΩ 1/10W J	R1222	NRSA02J-823X	MG R	82kΩ 1/10W J
R1101-03	NRSA02J-102X	MG R	1kΩ 1/10W J	R1223	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1104	NRSA02J-681X	MG R	680Ω 1/10W J	R1224	NRSA02J-391X	MG R	390Ω 1/10W J
R1105	NRSA02J-392X	MG R	3.9kΩ 1/10W J	R1225-26	NRSA02J-223X	MG R	22kΩ 1/10W J
R1107	NRSA02J-391X	MG R	390Ω 1/10W J	R1227	NRSA02J-104X	MG R	100kΩ 1/10W J
R1108	NRSA02J-102X	MG R	1kΩ 1/10W J	R1228	NRSA02J-560X	MG R	56Ω 1/10W J
R1109	NRSA02J-103X	MG R	10kΩ 1/10W J	R1229	QRK126J-181X	C R	180Ω 1/2W J
R1110	NRSA02J-472X	MG R	4.7kΩ 1/10W J	R1231	QRG01GJ-101	OM R	100Ω 1W J
R1111	NRSA02J-821X	MG R	820Ω 1/10W J	R1232	NRSA02J-101X	MG R	100Ω 1/10W J
R1112	NRSA02J-101X	MG R	100Ω 1/10W J	R1233	NRSA02J-222X	MG R	2.2kΩ 1/10W J
R1113	NRSA02J-102X	MG R	1kΩ 1/10W J	R1242	NRSA02J-223X	MG R	22kΩ 1/10W J
R1121-22	NRSA02J-0R0X	MG R	0.0Ω 1/10W J	R1243	NRSA02J-473X	MG R	47kΩ 1/10W J
R1123	NRSA02J-152X	MG R	1.5kΩ 1/10W J	R1244	NRSA02J-683X	MG R	68kΩ 1/10W J
R1124	NRSA02J-821X	MG R	820Ω 1/10W J	R1245	NRSA02J-153X	MG R	15kΩ 1/10W J
R1125-27	NRSA02J-103X	MG R	10kΩ 1/10W J	R1246	NRSA02J-103X	MG R	10kΩ 1/10W J
R1128	NRSA02J-153X	MG R	15kΩ 1/10W J	R1247	NRSA02J-473X	MG R	47kΩ 1/10W J
R1131-33	NRSA02J-102X	MG R	1kΩ 1/10W J	R1248	NRSA02J-273X	MG R	27kΩ 1/10W J
R1134	NRSA02J-681X	MG R	680Ω 1/10W J	R1249	NRSA02J-103X	MG R	10kΩ 1/10W J
R1135	NRSA02J-561X	MG R	560Ω 1/10W J	R1250	NRSA02J-222X	MG R	2.2kΩ 1/10W J
R1136	NRSA02J-681X	MG R	680Ω 1/10W J	R1251	NRSA02J-333X	MG R	33kΩ 1/10W J
R1137	NRSA02J-102X	MG R	1kΩ 1/10W J	R1252	NRSA02J-222X	MG R	2.2kΩ 1/10W J
R1138	NRSA02J-391X	MG R	390Ω 1/10W J	R1253	NRSA02J-333X	MG R	33kΩ 1/10W J
R1140	NRSA02J-103X	MG R	10kΩ 1/10W J	R1254	NRSA02J-823X	MG R	82kΩ 1/10W J
R1141	NRSA02J-472X	MG R	4.7kΩ 1/10W J	R1255	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1142	NRSA02J-821X	MG R	820Ω 1/10W J	R1256	NRSA02J-391X	MG R	390Ω 1/10W J
R1151	NRSA02J-222X	MG R	2.2kΩ 1/10W J	R1257	NRSA02J-823X	MG R	82kΩ 1/10W J
R1152-53	NRSA02J-102X	MG R	1kΩ 1/10W J	R1258	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1154	NRSA02J-681X	MG R	680Ω 1/10W J	R1259	NRSA02J-391X	MG R	390Ω 1/10W J
R1155	NRSA02J-561X	MG R	560Ω 1/10W J	R1260-61	NRSA02J-223X	MG R	2.2kΩ 1/10W J
R1156	NRSA02J-681X	MG R	680Ω 1/10W J	R1262	NRSA02J-104X	MG R	100kΩ 1/10W J
R1157	NRSA02J-102X	MG R	1kΩ 1/10W J	R1263	NRSA02J-222X	MG R	2.2kΩ 1/10W J
R1158	NRSA02J-391X	MG R	390Ω 1/10W J	R1264	NRSA02J-333X	MG R	33kΩ 1/10W J
R1160	NRSA02J-103X	MG R	10kΩ 1/10W J	R1265	NRSA02J-222X	MG R	2.2kΩ 1/10W J
R1161	NRSA02J-472X	MG R	4.7kΩ 1/10W J	R1266	NRSA02J-333X	MG R	33kΩ 1/10W J
R1162	NRSA02J-821X	MG R	820Ω 1/10W J	R1267-69	NRSA02J-750X	MG R	75Ω 1/10W J
R1171	NRSA02J-103X	MG R	10kΩ 1/10W J	R1277-79	NRSA02J-750X	MG R	75Ω 1/10W J
R1172	NRSA02J-562X	MG R	5.6kΩ 1/10W J	R1280	NRSA02J-223X	MG R	2.2kΩ 1/10W J
R1173	NRSA02J-221X	MG R	220Ω 1/10W J	R1281	NRSA02J-473X	MG R	47kΩ 1/10W J
R1174	NRSA02J-272X	MG R	2.7kΩ 1/10W J	R1282	NRSA02J-683X	MG R	68kΩ 1/10W J
R1175	NRSA02J-102X	MG R	1kΩ 1/10W J	R1283	NRSA02J-153X	MG R	15kΩ 1/10W J
R1176	NRSA02J-392X	MG R	3.9kΩ 1/10W J	R1284	NRSA02J-103X	MG R	10kΩ 1/10W J
R1177	NRSA02J-472X	MG R	4.7kΩ 1/10W J	R1285	NRSA02J-473X	MG R	47kΩ 1/10W J
R1178	NRSA02J-0R0X	MG R	0.0Ω 1/10W J	R1286	NRSA02J-273X	MG R	27kΩ 1/10W J
R1179	NRSA02J-272X	MG R	2.7kΩ 1/10W J	R1287	NRSA02J-103X	MG R	10kΩ 1/10W J
R1201-02	NRSA02J-103X	MG R	10kΩ 1/10W J	R1288	NRSA02J-222X	MG R	2.2kΩ 1/10W J
R1203	NRSA02J-750X	MG R	75Ω 1/10W J	R1289	NRSA02J-333X	MG R	33kΩ 1/10W J
R1204	QRK126J-151X	C R	150Ω 1/2W J	R1290	NRSA02J-222X	MG R	2.2kΩ 1/10W J
R1205	NRSA02J-101X	MG R	100Ω 1/10W J	R1291	NRSA02J-333X	MG R	33kΩ 1/10W J
R1206	QRG01GJ-101	OM R	100Ω 1W J	R1292	NRSA02J-271X	MG R	270Ω 1/10W J
R1207	NRSA02J-223X	MG R	22kΩ 1/10W J	R1301	NRSA02J-101X	MG R	100Ω 1/10W J
R1208	NRSA02J-473X	MG R	47kΩ 1/10W J	R1302	NRSA02J-471X	MG R	470Ω 1/10W J
R1209	NRSA02J-683X	MG R	68kΩ 1/10W J	R1303	NRSA02J-101X	MG R	100Ω 1/10W J
R1210	NRSA02J-153X	MG R	15kΩ 1/10W J	R1304	NRSA02J-471X	MG R	470Ω 1/10W J
R1211	NRSA02J-103X	MG R	10kΩ 1/10W J	R1305	NRSA02J-221X	MG R	220Ω 1/10W J
R1212	NRSA02J-473X	MG R	47kΩ 1/10W J	R1306	NRSA02J-271X	MG R	270Ω 1/10W J
R1213	NRSA02J-273X	MG R	27kΩ 1/10W J	R1307	NRSA02J-101X	MG R	100Ω 1/10W J
R1214	NRSA02J-103X	MG R	10kΩ 1/10W J	R1308	NRSA02J-471X	MG R	470Ω 1/10W J
R1215	NRSA02J-222X	MG R	2.2kΩ 1/10W J	R1309	NRSA02J-101X	MG R	100Ω 1/10W J
R1216	NRSA02J-333X	MG R	33kΩ 1/10W J	R1310	NRSA02J-471X	MG R	470Ω 1/10W J
R1217	NRSA02J-222X	MG R	2.2kΩ 1/10W J	R1311	NRSA02J-221X	MG R	220Ω 1/10W J
R1218	NRSA02J-333X	MG R	33kΩ 1/10W J	R1312	NRSA02J-271X	MG R	270Ω 1/10W J
R1219	NRSA02J-823X	MG R	82kΩ 1/10W J	R1313	NRSA02J-101X	MG R	100Ω 1/10W J
R1220	NRSA02J-0R0X	MG R	0.0Ω 1/10W J	R1314-15	NRSA02J-471X	MG R	470Ω 1/10W J

△ Symbol No.	Part No.	Part Name	Description
RESISTOR			
R1316	NRSA02J-152X	MG R	1.5kΩ 1/10W J
R1317-18	NRSA02J-101X	MG R	100Ω 1/10W J
R1319	NRSA02J-152X	MG R	1.5kΩ 1/10W J
R1320	NRSA02J-221X	MG R	220Ω 1/10W J
R1321	NRSA02J-102X	MG R	1kΩ 1/10W J
R1323-24	NRSA02J-562X	MG R	5.6kΩ 1/10W J
R1326-29	NRSA02J-152X	MG R	1.5kΩ 1/10W J
R1330	NRSA02J-103X	MG R	10kΩ 1/10W J
R1331	NRSA02J-101X	MG R	100Ω 1/10W J
R1332-33	NRSA02J-471X	MG R	470Ω 1/10W J
R1334-35	NRSA02J-152X	MG R	1.5kΩ 1/10W J
R1336	NRSA02J-101X	MG R	100Ω 1/10W J
R1337	NRSA02J-103X	MG R	10kΩ 1/10W J
R1338-40	NRSA02J-101X	MG R	100Ω 1/10W J
R1341	NRSA02J-183X	MG R	18kΩ 1/10W J
R1342	NRSA02J-823X	MG R	82kΩ 1/10W J
R1343-44	NRSA02J-101X	MG R	100Ω 1/10W J
R1345-46	NRSA02J-103X	MG R	10kΩ 1/10W J
R1347	NRSA02J-562X	MG R	5.6kΩ 1/10W J
R1348	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1349	NRSA02J-152X	MG R	1.5kΩ 1/10W J
R1350	NRSA02J-271X	MG R	270Ω 1/10W J
R1381	NRSA02J-102X	MG R	1kΩ 1/10W J
R1382	NRSA02J-182X	MG R	1.8kΩ 1/10W J
R1383	NRSA02J-123X	MG R	12kΩ 1/10W J
R1384	NRSA02J-683X	MG R	68kΩ 1/10W J
R1385	NRSA02J-273X	MG R	27kΩ 1/10W J
R1386	NRSA02J-102X	MG R	1kΩ 1/10W J
R1387	NRSA02J-683X	MG R	68kΩ 1/10W J
R1388	NRSA02J-273X	MG R	27kΩ 1/10W J
R1389	NRSA02J-102X	MG R	1kΩ 1/10W J
R1390	NRSA02J-683X	MG R	68kΩ 1/10W J
R1391	NRSA02J-273X	MG R	27kΩ 1/10W J
R1392	NRSA02J-102X	MG R	1kΩ 1/10W J
R1395-97	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1398	NRSA02J-101X	MG R	100Ω 1/10W J
R1401-02	NRSA02J-682X	MG R	6.8kΩ 1/10W J
R1403	NRSA02J-222X	MG R	2.2kΩ 1/10W J
R1404	QRX01GJ-1R0	MF R	1.0Ω 1W J
R1405	QRL029J-221	OM R	220Ω 2W J
R1406	NRSA02J-222X	MG R	2.2kΩ 1/10W J
R1407-08	QRX01GJ-1R5	MF R	1.5Ω 1W J
R1409-10	NRSA02J-103X	MG R	10kΩ 1/10W J
R1461	NRSA02J-272X	MG R	2.7kΩ 1/10W J
R1462	NRSA02J-563X	MG R	56kΩ 1/10W J
R1463	NRSA02J-104X	MG R	100kΩ 1/10W J
R1464	NRSA02J-123X	MG R	12kΩ 1/10W J
R1501	NRSA02J-332X	MG R	3.3kΩ 1/10W J
R1551	NRSA02J-100X	MG R	10Ω 1/10W J
R1552	NRSA02J-124X	MG R	120kΩ 1/10W J
R1553	NRSA02J-683X	MG R	68kΩ 1/10W J
R1554	NRSA02J-562X	MG R	5.6kΩ 1/10W J
R1555	NRSA02J-333X	MG R	33kΩ 1/10W J
R1556	NRSA02J-472X	MG R	4.7kΩ 1/10W J
R1557	NRSA02J-562X	MG R	5.6kΩ 1/10W J
R1558	NRSA02J-104X	MG R	100kΩ 1/10W J
R1559	NRSA02J-154X	MG R	150kΩ 1/10W J
R1560	NRSA02J-100X	MG R	10Ω 1/10W J
R1561	QRN143J-0R0X	C R	0.0Ω 1/4W J
R1611	NRSA02J-331X	MG R	330Ω 1/10W J
R1612	NRSA02J-561X	MG R	560Ω 1/10W J
R1613-14	NRSA02J-123X	MG R	12kΩ 1/10W J
R1615	NRSA02J-681X	MG R	680Ω 1/10W J
R1616	NRSA02J-102X	MG R	1kΩ 1/10W J
R1617-18	NRSA02J-682X	MG R	6.8kΩ 1/10W J
R1619-20	NRSA02J-223X	MG R	22kΩ 1/10W J
R1658-60	QRN143J-2R2X	C R	2.2Ω 1/4W J
R1661	NRSA02J-561X	MG R	560Ω 1/10W J
R1662-64	NRSA02J-223X	MG R	22kΩ 1/10W J
R1665	NRSA02J-104X	MG R	100kΩ 1/10W J
R1666	NRSA02J-682X	MG R	6.8kΩ 1/10W J
R1667	NRSA02J-104X	MG R	100kΩ 1/10W J

△ Symbol No.	Part No.	Part Name	Description
RESISTOR			
R1668	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1669	NRSA02J-473X	MG R	47kΩ 1/10W J
R1670	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1671	NRSA02J-273X	MG R	27kΩ 1/10W J
R1672	NRSA02J-122X	MG R	1.2kΩ 1/10W J
R1673	NRSA02J-103X	MG R	10kΩ 1/10W J
R1674	NRSA02J-563X	MG R	56kΩ 1/10W J
R1675	NRSA02J-103X	MG R	10kΩ 1/10W J
R1676	NRSA02J-273X	MG R	27kΩ 1/10W J
R1677	NRSA02J-103X	MG R	10kΩ 1/10W J
R1678	NRSA02J-563X	MG R	56kΩ 1/10W J
R1679	NRSA02J-103X	MG R	10kΩ 1/10W J
R1680	NRSA02J-273X	MG R	27kΩ 1/10W J
R1682	NRSA02J-103X	MG R	10kΩ 1/10W J
R1683	NRSA02J-562X	MG R	5.6kΩ 1/10W J
R1684	NRSA02J-473X	MG R	47kΩ 1/10W J
R1689-90	NRSA02J-103X	MG R	10kΩ 1/10W J
R1691-92	NRSA02J-123X	MG R	12kΩ 1/10W J
R1693-94	NRSA02J-103X	MG R	10kΩ 1/10W J
R1700	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1701	NRSA02J-104X	MG R	100kΩ 1/10W J
R1702	NRSA02J-823X	MG R	82kΩ 1/10W J
R1703-06	NRSA02J-102X	MG R	1kΩ 1/10W J
R1707	NRSA02J-103X	MG R	10kΩ 1/10W J
R1708	NRSA02J-102X	MG R	1kΩ 1/10W J
R1709	NRSA02J-103X	MG R	10kΩ 1/10W J
R1710	NRSA02J-821X	MG R	820Ω 1/10W J
R1711	NRSA02J-102X	MG R	1kΩ 1/10W J
R1713-14	NRSA02J-103X	MG R	10kΩ 1/10W J
R1716	NRSA02J-103X	MG R	10kΩ 1/10W J
R1718	NRSA02J-102X	MG R	1kΩ 1/10W J
R1719	NRSA02J-101X	MG R	100Ω 1/10W J
R1720	NRSA02J-102X	MG R	1kΩ 1/10W J
R1721-23	NRSA02J-472X	MG R	4.7kΩ 1/10W J
R1724-26	NRSA02J-821X	MG R	820Ω 1/10W J
R1727	NRSA02J-153X	MG R	15kΩ 1/10W J
R1728	NRSA02J-103X	MG R	10kΩ 1/10W J
R1729	NRSA02J-683X	MG R	68kΩ 1/10W J
R1730	NRSA02J-223X	MG R	22kΩ 1/10W J
R1731	NRSA02J-562X	MG R	5.6kΩ 1/10W J
R1732	NRSA02J-103X	MG R	10kΩ 1/10W J
R1733	NRSA02J-222X	MG R	2.2kΩ 1/10W J
R1734	NRSA02J-103X	MG R	10kΩ 1/10W J
R1735-36	NRSA02J-682X	MG R	6.8kΩ 1/10W J
R1737	NRSA02J-102X	MG R	1kΩ 1/10W J
R1738	NRSA02J-183X	MG R	18kΩ 1/10W J
R1739	NRSA02J-331X	MG R	330Ω 1/10W J
R1740-42	NRSA02J-103X	MG R	10kΩ 1/10W J
R1743	NRSA02J-222X	MG R	2.2kΩ 1/10W J
R1744-46	NRSA02J-103X	MG R	10kΩ 1/10W J
R1747	NRSA02J-102X	MG R	1kΩ 1/10W J
R1748	NRSA02J-103X	MG R	10kΩ 1/10W J
R1751-52	NRSA02J-103X	MG R	10kΩ 1/10W J
R1753	NRSA02J-472X	MG R	4.7kΩ 1/10W J
R1754	NRSA02J-103X	MG R	10kΩ 1/10W J
R1755	NRSA02J-472X	MG R	4.7kΩ 1/10W J
R1756-57	NRSA02J-103X	MG R	10kΩ 1/10W J
R1758-59	NRSA02J-221X	MG R	220Ω 1/10W J
R1760	NRSA02J-102X	MG R	1kΩ 1/10W J
R1761-65	NRSA02J-221X	MG R	220Ω 1/10W J
R1766	NRSA02J-103X	MG R	10kΩ 1/10W J
R1767	NRSA02J-104X	MG R	100kΩ 1/10W J
R1768	NRSA02J-823X	MG R	82kΩ 1/10W J
R1770	NRSA02J-103X	MG R	10kΩ 1/10W J
R1771	NRSA02J-392X	MG R	3.9kΩ 1/10W J
R1772-74	NRSA02J-103X	MG R	10kΩ 1/10W J
R1775-76	NRSA02J-563X	MG R	56kΩ 1/10W J
R1777	NRSA02J-223X	MG R	22kΩ 1/10W J
R1778	NRSA02J-103X	MG R	10kΩ 1/10W J
R1779	NRSA02J-333X	MG R	33kΩ 1/10W J
R1780	NRSA02J-104X	MG R	100kΩ 1/10W J
R1782	NRSA02J-0R0X	MG R	0.0Ω 1/10W J

△	Symbol No.	Part No.	Part Name	Description
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RESISTOR

R1784-86	NRSA02J-333X	MG R	33kΩ 1/10W J
R1787	NRSA02J-103X	MG R	10kΩ 1/10W J
R1788	NRSA02J-123X	MG R	12kΩ 1/10W J
R1789	NRSA02J-OR0X	MG R	0.02 1/10W J
R1791	NRSA02J-103X	MG R	10kΩ 1/10W J
R1792	NRSA02J-OR0X	MG R	0.02 1/10W J
R1793	NRSA02J-102X	MG R	1kΩ 1/10W J
R1794	NRSA02J-152X	MG R	1.5kΩ 1/10W J
R1795	NRSA02J-102X	MG R	1kΩ 1/10W J
R1796	NRSA02J-103X	MG R	10kΩ 1/10W J
R1797	NRSA02J-102X	MG R	1kΩ 1/10W J
R1820	NRSA02J-332X	MG R	3.3kΩ 1/10W J
R1880-82	NRSA02J-102X	MG R	1kΩ 1/10W J
R1883	NRSA02J-473X	MG R	47kΩ 1/10W J
R1884-86	NRSA02J-103X	MG R	10kΩ 1/10W J
R1888-89	NRSA02J-103X	MG R	10kΩ 1/10W J
R1890	NRSA02J-221X	MG R	220Ω 1/10W J
R1891	NRSA02J-273X	MG R	27kΩ 1/10W J
R1892-96	NRSA02J-221X	MG R	220Ω 1/10W J
R1897	QRG029J-220	OM R	22 Ω 2W J
R1901	NRSA02J-101X	MG R	100Ω 1/10W J
R1902	NRSA02J-223X	MG R	22kΩ 1/10W J
R1903	NRSA02J-472X	MG R	4.7kΩ 1/10W J
R1904	NRSA02J-223X	MG R	22kΩ 1/10W J
R1905	NRSA02J-102X	MG R	1kΩ 1/10W J

CAPACITOR

C1001	NCB21HK-104X	CHIP CAP.	0.1μF 50V K
C1002	QETN1HM-107Z	E CAP.	100μF 50V M
C1003	NCB21HK-104X	CHIP CAP.	0.1μF 50V K
C1004	QETN1CM-107Z	E CAP.	100μF 16V M
C1007	NCB21HK-222X	C CAP.	2200pF 50V K
C1008	QETN1HM-106Z	E CAP.	10μF 50V M
C1101-02	QETN1CM-107Z	E CAP.	100μF 16V M
C1104	QETN1EM-476Z	E CAP.	47μF 25V M
C1105	QENC1HM-474Z	BP E CAP.	0.47μF 50V M
C1106	QETN1HM-106Z	E CAP.	10μF 50V M
C1107	QETN1AM-227Z	E CAP.	220μF 10V M
C1121-22	NCB21HK-103X	C CAP.	0.01μF 50V K
C1123	QETN1EM-476Z	E CAP.	47μF 25V M
C1124-25	NCB21HK-103X	C CAP.	0.01μF 50V K
C1128	QETN1CM-107Z	E CAP.	100μF 16V M
C1129	QETN1EM-476Z	E CAP.	47μF 25V M
C1130	NCB21HK-103X	C CAP.	0.01μF 50V K
C1131	QETN1EM-476Z	E CAP.	47μF 25V M
C1132	NCB21HK-103X	C CAP.	0.01μF 50V K
C1134	NCB21HK-103X	C CAP.	0.01μF 50V K
C1135	NDC21HJ-181X	C CAP.	180pF 50V J
C1136-39	NCB21HK-103X	C CAP.	0.01μF 50V K
C1140	QETN1EM-476Z	E CAP.	47μF 25V M
C1141	NCB21HK-103X	C CAP.	0.01μF 50V K
C1151	QETN1AM-227Z	E CAP.	220μF 10V M
C1152	NCB21HK-103X	C CAP.	0.01μF 50V K
C1153	QETN1AM-107Z	E CAP.	100μF 10V M
C1154	NDC21HJ-121X	C CAP.	120pF 50V J
C1155	QETN1EM-476Z	E CAP.	47μF 25V M
C1161	QETN1EM-476Z	E CAP.	47μF 25V M
C1163	QETN1EM-476Z	E CAP.	47μF 25V M
C1171	NDC21HJ-221X	C CAP.	220pF 50V J
C1172	NDC21HJ-560X	C CAP.	56pF 50V J
C1173	NDC21HJ-221X	C CAP.	220pF 50V J
C1174	NDC21HJ-121X	C CAP.	120pF 50V J
C1192	QETN1CM-227Z	E CAP.	220μF 16V M
C1193	NCB21HK-103X	C CAP.	0.01μF 50V K
C1201	QETN1CM-227Z	E CAP.	220μF 16V M
C1202	NCB21HK-102X	C CAP.	1000pF 50V K
C1203-04	QETN1HM-105Z	E CAP.	1μF 50V M
C1205-06	QETN1HM-106Z	E CAP.	10μF 50V M
C1207	QETN1CM-227Z	E CAP.	220μF 16V M
C1211	NCB21HK-102X	C CAP.	1000pF 50V K

△	Symbol No.	Part No.	Part Name	Description
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CAPACITOR

C1212-13	QETN1HM-105Z	E CAP.	1μF 50V M
C1214-15	QETN1HM-106Z	E CAP.	10μF 50V M
C1216-17	QETN1HM-105Z	E CAP.	1μF 50V M
C1218-19	QETN1EM-476Z	E CAP.	47μF 25V M
C1220	QETN1HM-105Z	E CAP.	1μF 50V M
C1221-22	QETN1CM-107Z	E CAP.	100μF 16V M
C1223-24	QETN1HM-105Z	E CAP.	1μF 50V M
C1231-33	QETN1EM-476Z	E CAP.	47μF 25V M
C1234	NCB21HK-102X	C CAP.	1000pF 50V K
C1301	QETN1CM-227Z	E CAP.	220μF 16V M
C1302	NCB21HK-104X	CHIP CAP.	0.1μF 50V K
C1303	QETN1EM-476Z	E CAP.	47μF 25V M
C1304	QENC1CM-476Z	BP E CAP.	47μF 16V M
C1305	QETN1HM-226Z	E CAP.	22μF 50V M
C1306	NCB21HK-223X	C CAP.	0.022μF 50V K
C1307-08	QENC1HM-105Z	BP E CAP.	1μF 50V M
C1309	NDC21HJ-390X	C CAP.	39pF 50V J
C1311-13	NCB21HK-104X	CHIP CAP.	0.1μF 50V K
C1314	NCB21HK-222X	C CAP.	2200pF 50V K
C1315	NCB21CK-474X	C CAP.	0.47μF 16V K
C1316	NCB21HK-104X	CHIP CAP.	0.1μF 50V K
C1317	NCB21EK-154X	C CAP.	0.15μF 25V K
C1318	NCB21HK-104X	CHIP CAP.	0.1μF 50V K
C1319	NCB21HK-332X	C CAP.	3300pF 50V K
C1320	NCB21HK-104X	CHIP CAP.	0.1μF 50V K
C1321-22	NDC21HJ-150X	C CAP.	15pF 50V J
C1323	NCB21HK-104X	CHIP CAP.	0.1μF 50V K
C1325-26	NCB21HK-104X	CHIP CAP.	0.1μF 50V K
C1327	QETN1CM-227Z	E CAP.	220μF 16V M
C1328-32	NCB21HK-104X	CHIP CAP.	0.1μF 50V K
C1342-44	NDC21HJ-220X	C CAP.	22pF 50V J
C1345	NDC21HJ-121X	C CAP.	120pF 50V J
C1363-65	QETN1HM-106Z	E CAP.	10μF 50V M
C1381-84	QETN1EM-476Z	E CAP.	47μF 25V M
C1387-88	QETN1EM-476Z	E CAP.	47μF 25V M
C1389-90	QETNOJM-228Z	E CAP.	2200μF 6.3V M
C1392	NDC21HJ-680X	C CAP.	68pF 50V J
C1396-98	NCB21HK-104X	CHIP CAP.	0.1μF 50V K
C1403	QFLC2AJ-104Z	M CAP.	0.1μF 100V J
C1404	NCB21HK-104X	CHIP CAP.	0.1μF 50V K
C1405	NDC21HJ-820X	C CAP.	82pF 50V J
C1406	QETM1VM-108	E CAP.	1000μF 35V M
C1408	QETN1VM-337Z	E CAP.	330μF 35V M
C1409-10	QFV71HJ-474Z	MF CAP.	0.47μF 50V J
C1412	QFLC2AJ-104Z	M CAP.	0.1μF 100V J
C1417-18	QETN1CM-108Z	E CAP.	1000μF 16V M
C1419	NCB21HK-682X	C CAP.	6800pF 50V K
C1461	QETN1HM-226Z	E CAP.	22μF 50V M
C1551-52	NCB21CK-224X	C CAP.	0.22μF 16V K
C1553	QETN1EM-476Z	E CAP.	47μF 25V M
C1554-55	NCB21CK-224X	C CAP.	0.22μF 16V K
C1601-02	QDC31HJ-2R0Z	C CAP.	2.0pF 50V J
C1603-04	NCB21HK-103X	C CAP.	0.01μF 50V K
C1605-06	QETN1HM-106Z	E CAP.	10μF 50V M
C1607-08	NCF21EZ-104X	C CAP.	0.1μF 25V Z
C1609-12	QETN1HM-105Z	E CAP.	1μF 50V M
C1613-14	NDC21HJ-471X	C CAP.	470pF 50V J
C1615	NCF21EZ-104X	C CAP.	0.1μF 25V Z
C1616-18	QETN1HM-106Z	E CAP.	10μF 50V M
C1619	NCF21EZ-104X	C CAP.	0.1μF 25V Z
C1620	QETN1HM-106Z	E CAP.	10μF 50V M
C1621-24	NCB21HK-102X	C CAP.	1000pF 50V K
C1625-26	NDC21HJ-391X	C CAP.	390pF 50V J
C1627-28	NCB21HK-102X	C CAP.	1000pF 50V K
C1629	NCB21HK-103X	C CAP.	0.01μF 50V K
C1630	NCF21EZ-104X	C CAP.	0.1μF 25V Z
C1631	QETN1CM-107Z	E CAP.	100μF 16V M
C1632	NCF21EZ-104X	C CAP.	0.1μF 25V Z
C1644-45	NDC21HJ-470X	C CAP.	47pF 50V J
C1646	NDC21HJ-820X	C CAP.	82pF 50V J
C1647	NCB21HK-472X	C CAP.	4700pF 50V K
C1648	NDC21HJ-180X	C CAP.	18pF 50V J
C1651-53	QETN1HM-105Z	E CAP.	1μF 50V M

Symbol No.	Part No.	Part Name	Description
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CAPACITOR

C1654	QETN1HM-107Z	E CAP.	100μF 50V M
C1655	QETN1HM-106Z	E CAP.	10μF 50V M
C1656-57	NCF21HZ-224X	C CAP.	0.22μF 50V Z
C1658	QETM1HM-228	E CAP.	2200μF 50V M
C1659-62	NCF21HZ-224X	C CAP.	0.22μF 50V Z
C1663-65	QETM1VM-108	E CAP.	1000μF 35V M
C1667	QETN1CM-227Z	E CAP.	220μF 16V M
C1668-69	QETN1HM-105Z	E CAP.	1μF 50V M
C1670	QETN1HM-106Z	E CAP.	10μF 50V M
C1671	QETN1EM-476Z	E CAP.	47μF 25V M
C1672	NDC21HJ-100X	C CAP.	10μF 50V J
C1673	QETN1HM-105Z	E CAP.	1μF 50V M
C1674	NDC21HJ-100X	C CAP.	10μF 50V J
C1675	QETN1HM-105Z	E CAP.	1μF 50V M
C1679	QETN1HM-106Z	E CAP.	10μF 50V M
C1680-81	NDC21HJ-221X	C CAP.	220μF 50V J
C1682	QETN1CM-227Z	E CAP.	220μF 16V M
C1701	NDC21HJ-471X	C CAP.	470μF 50V J
C1702	NCB21HK-682X	C CAP.	6800pF 50V K
C1703	NCB21HK-104X	CHIP CAP.	0.1μF 50V K
C1704	QETN1AM-107Z	E CAP.	100μF 10V M
C1705-06	NDC21HJ-9R0X	C CAP.	9.0pF 50V J
C1707	NCB21HK-104X	CHIP CAP.	0.1μF 50V K
C1708	NCB21HK-333X	C CAP.	0.033μF 50V K
C1709	NCB21HK-104X	CHIP CAP.	0.1μF 50V K
C1710	QETN1EM-476Z	E CAP.	47μF 25V M
C1711	NCB21HK-104X	CHIP CAP.	0.1μF 50V K
C1712	NCB21HK-333X	C CAP.	0.033μF 50V K
C1713	NCB21HK-104X	CHIP CAP.	0.1μF 50V K
C1714	QETN1HM-474Z	E CAP.	0.47μF 50V M
C1715	QETN1EM-476Z	E CAP.	47μF 25V M
C1717	QETN1HM-106Z	E CAP.	10μF 50V M
C1718	NDC21HJ-471X	C CAP.	470pF 50V J
C1719	NCF21CZ-105X	C CAP.	1μF 16V Z
C1720	NCB21HK-102X	C CAP.	1000pF 50V K
C1757	NCS21HJ-471X	C CAP.	470pF 50V J
C1758	QETN1AM-227Z	E CAP.	220μF 10V M
C1759	NCB21HK-104X	CHIP CAP.	0.1μF 50V K
C1760-61	NDC21HJ-150X	C CAP.	15pF 50V J
C1762	NCB21HK-104X	CHIP CAP.	0.1μF 50V K
C1763	QETN1EM-476Z	E CAP.	47μF 25V M
C1764	NCB21HK-104X	CHIP CAP.	0.1μF 50V K
C1766-68	NCB21HK-104X	CHIP CAP.	0.1μF 50V K
C1769-71	QETN1HM-106Z	E CAP.	10μF 50V M
C1772	QETN1EM-476Z	E CAP.	47μF 25V M
C1773	QETN1CM-107Z	E CAP.	100μF 16V M
C1774	NDC21HJ-151X	C CAP.	150pF 50V J
C1780	NCB21HK-104X	CHIP CAP.	0.1μF 50V K
C1781	NDC21HJ-101X	C CAP.	100pF 50V J
C1782	NCB21HK-102X	C CAP.	1000pF 50V K
C1783	NDC21HJ-151X	C CAP.	150pF 50V J
C1784	QETN1CM-227Z	E CAP.	220μF 16V M
C1785	NCB21HK-102X	C CAP.	1000pF 50V K
C1901	QETN1CM-107Z	E CAP.	100μF 16V M
C1902	QETN1HM-106Z	E CAP.	10μF 50V M

TRANSFORMER

T1101	CE42697-001	LOWPASS FILTER
T1111	CE42697-001	LOWPASS FILTER
T1121	CE42697-001	LOWPASS FILTER

COIL

L1001-02	QQL01BK-8R2Z	PEAKING COIL	8.2μH
L1004	QQL01BK-5R6Z	PEAKING COIL	5.6μH
L1101	QRN143J-OROX	C R	0.0Ω 1/4W J
L1102-05	QQL03BJ-220Z	PEAKING COIL	22μH
L1111	QQL03BJ-220Z	PEAKING COIL	22μH
L1121	QQL03BJ-330Z	PEAKING COIL	33μH
L1302	NQL024J-SR6X	COIL	5.6μH
L1601-02	QRN143J-OROX	C R	0.0Ω 1/4W J

Symbol No.	Part No.	Part Name	Description
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COIL

L1604	QQL01BJ-180Z	PEAKING COIL	18μH
L1605	QQL01BJ-220Z	PEAKING COIL	22μH
L1701	QQL01BK-4R7Z	PEAKING COIL	4.7μH
L1702	QQL01BK-3R9Z	PEAKING COIL	3.9μH
L1752	QRN143J-OROX	C R	0.0Ω 1/4W J
L1753	QQL01BK-4R7Z	PEAKING COIL	4.7μH

DIODE

D1201-11	MA3130/H/-X	ZENER DIODE
D1214-15	MA3130/H/-X	ZENER DIODE
D1402	BY033D-T3	SI.DIODE
D1403-04	MA3330/L/-X	ZENER DIODE
D1461	MA111-X	SI.DIODE
D1462	MA3220/M/-X	ZENER DIODE
D1502	MA111-X	SI.DIODE
D1504	MA111-X	SI.DIODE
D1653-55	MA3330/L/-X	ZENER DIODE
D1658	MA153A-X	SI.DIODE
D1660	MA111-X	SI.DIODE
D1661	MA153A-X	SI.DIODE
D1664-65	MA111-X	SI.DIODE
D1666	MA3062/M/-X	ZENER DIODE
D1667-68	MA3150/M/-X	ZENER DIODE
D1701-02	MA111-X	SI.DIODE
D1704	1SS244-T2	SI.DIODE
D1708	MA111-X	SI.DIODE
D1709	MA3068/M/-X	ZENER DIODE
D1712	MA111-X	SI.DIODE
D1751-53	MA111-X	SI.DIODE
D1754	MA3062/M/-X	ZENER DIODE
D1771-74	MA3056/M/-X	ZENER DIODE
D1901	MA3130/H/-X	ZENER DIODE

TRANSISTOR

Q1101-04	2SC2412K/QR/-X	SI.TRANSISTOR
Q1111	2SC2412K/QR/-X	SI.TRANSISTOR
Q1112	2SA1037AK/QR/-X	SI.TRANSISTOR
Q1113-14	2SC2412K/QR/-X	SI.TRANSISTOR
Q1121	2SC2412K/QR/-X	SI.TRANSISTOR
Q1122	2SA1037AK/QR/-X	SI.TRANSISTOR
Q1123-24	2SC2412K/QR/-X	SI.TRANSISTOR
Q1131-32	2SC2412K/QR/-X	SI.TRANSISTOR
Q1201-02	2SC2712/YG/-X	SI.TRANSISTOR
Q1203	2SC1815/YG/-T	SI.TRANSISTOR
Q1204-05	2SC2712/YG/-X	SI.TRANSISTOR
Q1206-07	DTC323TK-X	DIGI.TRANSISTOR
Q1208	2SA1162/YG/-X	SI.TRANSISTOR
Q1209	2SA1015/YG/-T	SI.TRANSISTOR
Q1211	2SA1162/YG/-X	SI.TRANSISTOR
Q1213-14	2SC2712/YG/-X	SI.TRANSISTOR
Q1215-16	DTC323TK-X	DIGI.TRANSISTOR
Q1217	2SA1162/YG/-X	SI.TRANSISTOR
Q1220-21	2SC2712/YG/-X	SI.TRANSISTOR
Q1301	2SA1162/YG/-X	SI.TRANSISTOR
Q1303-04	2SA1162/YG/-X	SI.TRANSISTOR
Q1305	2SC2712/YG/-X	SI.TRANSISTOR
Q1346	2SC2712/YG/-X	SI.TRANSISTOR
Q1351	DTC124EKA-X	DIGI.TRANSISTOR
Q1381-83	2SC2712/YG/-X	SI.TRANSISTOR
Q1461-62	2SC2712/YG/-X	SI.TRANSISTOR
Q1603	2SC2712/YG/-X	SI.TRANSISTOR
Q1654-56	DTC323TK-X	DIGI.TRANSISTOR
Q1657	2SC2712/YG/-X	SI.TRANSISTOR
Q1658-60	2SA1162/YG/-X	SI.TRANSISTOR
Q1701-08	2SC2712/YG/-X	SI.TRANSISTOR
Q1709	2SA1162/YG/-X	SI.TRANSISTOR
Q1752	2SA1162/YG/-X	SI.TRANSISTOR
Q1753	DTC124EKA-X	DIGI.TRANSISTOR
Q1901	2SA1162/YG/-X	SI.TRANSISTOR
Q1902	2SC2712/YG/-X	SI.TRANSISTOR

△	Symbol No.	Part No.	Part Name	Description
I C				
IC1101	TC9090AN	I.C. (DIGI-MOS)		
IC1301	CXA1545AS	I.C. (MONO-ANA)		
IC1302	LA7222	I.C. (MONO-ANA)		
IC1303	TDA9143/N3	I.C. (MONO-ANA)		
IC1304	TDA4665/V5	I.C. (MONO-ANA)		
IC1305	LA7016	I.C. (MONO-ANA)		
IC1401	LA7841	I.C. (MONO-ANA)		
IC1551	LA6515	I.C. (MONO-ANA)		
IC1601	MSP3410D-PP-C5	I.C. (DIGI-OTHER)		
IC1651	TA8256BH	I.C. (HYBRID)		
IC1652	BA4558F-X	I.C. (MONO-ANA)		
IC1701	M37280MK-120SP	I.C.(MICRO-COMP)		
IC1702	L78L.R05E-MA	I.C. (MONO-ANA)		
IC1703	AT24C1632WFP1	I.C. (MONO-ANA)	(SERVICE)	
IC1754	SDA5275S	I.C. (MICRO-PROC)		
IC1755	MSM514400D-60ZS	I.C. (D-RAM)		
IC1756	TC4053BP/N/	I.C. (DIGI-MOS)		

OTHERS

CN1002	QGF1220C2-25	FFC/FPC CONNECTO		
K1001	QRN143J-OROX	C R	0.0Ω 1/4W	J
K1009	QRN143J-OROX	C R	0.0Ω 1/4W	J
K1101	QQR0621-002Z	BEADS CORE		
K1401	QQR0621-002Z	BEADS CORE		
K1701	QQR0621-002Z	BEADS CORE		
LC1101	TA78L005AP-T	I.C. (H)		
LC1601	CE42142-103Z	EMI FILTER		
TU1001	QAU0132-001	TUNER		
W1001-02	NRSA02J-OROX	MG R	0.0Ω 1/10W	J
X1311	CE40749-001Z	CRYSTAL		
X1312	CE40668-001Z	CRYSTAL		
X1601	CE42546-001Z	CRYSTAL		
X1701	CST8.00MTW	CER. RESONATOR		
X1752	QAQ0351-001Z	CRYSTAL		
Y1306	NRSA02J-OROX	MG R	0.0Ω 1/10W	J
Y1312-13	NRSA02J-OROX	MG R	0.0Ω 1/10W	J
Y1314	NRSA02J-682X	MG R	6.8kΩ 1/10W	J
Y1315-17	NRSA02J-OROX	MG R	0.0Ω 1/10W	J
Y1328	NRSA02J-OROX	MG R	0.0Ω 1/10W	J
Y1401	NRSA02J-OROX	MG R	0.0Ω 1/10W	J
Y1502-05	NRSA02J-OROX	MG R	0.0Ω 1/10W	J
Y1651-52	NRSA02J-OROX	MG R	0.0Ω 1/10W	J
Y1654	NRSA02J-OROX	MG R	0.0Ω 1/10W	J
Y1659-60	NRSA02J-OROX	MG R	0.0Ω 1/10W	J
Y1750-51	NRSA02J-OROX	MG R	0.0Ω 1/10W	J

POWER / DEF PW BOARD ASS'Y (SMD-2008A-U2)

Refer to PARTS LIST in page 14 for this P.W. board.

AUDIO PW BOARD ASS'Y (SMD-6001A-U2)

Refer to PARTS LIST in page 17 for this P.W. board.

**FRONT CONTROL PW BOARD ASSAY
(SMD-8008A-U2)**

Refer to PARTS LIST in page 17 for this P.W. board.

DOLBY PW BOARD ASSAY (SMD0D001A-U2)

Refer to PARTS LIST in page 18 for this P.W. board.

IF PW BOARD ASSAY (SMD0F903A-U2)

△	Symbol No.	Part No.	Part Name	Description
RESISTOR				
R0020	NRSA02J-472X	MG R	4.7kΩ 1/10W	J
R0021	NRSA02J-122X	MG R	1.2kΩ 1/10W	J
R0022	NRSA02J-331X	MG R	330Ω 1/10W	J
R0023	NRSA02J-680X	MG R	68Ω 1/10W	J
R0024	NRSA02J-330X	MG R	33Ω 1/10W	J
R0030-31	NRSA02J-150X	MG R	15Ω 1/10W	J
R0057	NRSA02J-472X	MG R	4.7kΩ 1/10W	J
R0058-59	NRSA02J-273X	MG R	27kΩ 1/10W	J
R0063	NRSA02J-822X	MG R	8.2kΩ 1/10W	J
R0064	NRSA02J-OROX	MG R	0.0Ω 1/10W	J
R0065	NRSA02J-470X	MG R	47Ω 1/10W	J
R0070-71	NRSA02J-393X	MG R	39kΩ 1/10W	J
R0080-81	NRSA02J-473X	MG R	47kΩ 1/10W	J
R0082	NRSA02J-272X	MG R	2.7kΩ 1/10W	J
R0101	NRSA02J-822X	MG R	8.2kΩ 1/10W	J
R0102	NRSA02J-471X	MG R	47Ω 1/10W	J
R0108	NRSA02J-102X	MG R	1kΩ 1/10W	J
R0109	NRSA02J-121X	MG R	120Ω 1/10W	J
R0111-12	NRSA02J-151X	MG R	150Ω 1/10W	J
R0113	NRSA02J-271X	MG R	270Ω 1/10W	J
R0114	NRSA02J-OROX	MG R	0.0Ω 1/10W	J
R0116	NRSA02J-102X	MG R	1kΩ 1/10W	J
R0140	NRSA02J-474X	MG R	470kΩ 1/10W	J
R0141	NRSA02J-101X	MG R	100Ω 1/10W	J
R0142	NRSA02J-391X	MG R	39Ω 1/10W	J
R0143	NRSA02J-750X	MG R	75Ω 1/10W	J
R0144	NRSA02J-474X	MG R	470kΩ 1/10W	J
R0145	NRSA02J-332X	MG R	3.3kΩ 1/10W	J
R0146	NRSA02J-104X	MG R	100kΩ 1/10W	J

CAPACITOR

C0020-23	NCB21HK-472X	C CAP.	4700pF 50V K
C0030	NCB21HK-472X	C CAP.	4700pF 50V K

CRT SOCKET PW BOARD ASS'Y (SMD-3005A-U2)

Refer to PARTS LIST in page 16 for this P.W. board.

△	Symbol No.	Part No.	Part Name	Description
CAPACITOR				
C0020-23	NCB21HK-472X	C CAP.	4700pF	50V K
C0030	NCB21HK-472X	C CAP.	4700pF	50V K
C0040	NCB21HK-682X	C CAP.	6800pF	50V K
C0041	QETN1CM-107Z	E CAP.	100μF	16V M
C0042	NCB21HK-103X	C CAP.	0.01μF	50V K
C0043	QETN1CM-107Z	E CAP.	100μF	16V M
C0044	NCB21HK-103X	C CAP.	0.01μF	50V K
C0045-46	NRSA02J-OROX	MG R	0.0Ω 1/10W	J
C0047	QETN1CM-227Z	E CAP.	220μF	16V M
C0048	NCB21HK-103X	C CAP.	0.01μF	50V K
C0050	QETN1HM-105Z	E CAP.	1μF	50V M
C0054	NCB21HK-103X	C CAP.	0.01μF	50V K
C0055	QETN1CM-107Z	E CAP.	100μF	16V M
C0056	QETN1HM-474Z	E CAP.	0.47μF	50V M
C0057	NDC21HJ-102X	C CAP.	1000pF	50V J
C0058	NCB21HK-472X	C CAP.	4700pF	50V K
C0060	NRSA02J-OROX	MG R	0.0Ω 1/10W	J
C0062	QETN1HM-474Z	E CAP.	0.47μF	50V M
C0063	NRSA02J-OROX	MG R	0.0Ω 1/10W	J
C0064	NCB21HK-472X	C CAP.	4700pF	50V K
C0065	QETN1HM-105Z	E CAP.	1μF	50V M
C0069-70	NCB21HK-103X	C CAP.	0.01μF	50V K
C0071	QETN1HM-336Z	E CAP.	33μF	50V
C0080-81	NCB21HK-472X	C CAP.	4700pF	50V K
C0101	QETN1CM-476Z	E CAP.	47μF	16V M
C0104	NDC21HJ-271X	C CAP.	270pF	50V J
C0105	NCB21HK-103X	C CAP.	0.01μF	50V K
C0140	QETN1HM-335Z	E CAP.	3.3μF	50V M
C0141	NDC21HJ-561X	C CAP.	560pF	50V J
C0142	QETN1HM-105Z	E CAP.	1μF	50V M
C0143	QFLC1HJ-683Z	M CAP.	0.068μF	50V J
C0144	QETN1HM-335Z	E CAP.	3.3μF	50V M
C0145	NCB21HK-222X	C CAP.	2200pF	50V K
TRANSFORMER				
T0020	QQR0626-001	I.F. TRANSF.		
T0050	CELT001-307	C.WAVE TRANSF.		
COIL				
L0020	QQLZ014-R47	PEAKING COIL	0.47μH	
L0021	NQL011K-1R5X	COIL	1.5μH	
L0030	NQL011K-2R2X	COIL	2.2μH	
L0040	NQL024J-120X	COIL	12μH	
L0042	NQL024J-330X	COIL	33μH	
L0054	NQL024J-330X	COIL	33μH	
L0070	NQL011K-5R6X	COIL	5.6μH	
L0103-04	NQL011K-8R2X	COIL	8.2μH	
TRANSISTOR				
Q0012	2SC5083/L-P/-T	SI.TRANSISTOR		
Q0080	2SC2712/YG/-X	SI.TRANSISTOR		
Q0101	2SC2712/YG/-X	SI.TRANSISTOR		
Q0107	2SA1162/YG/-X	SI.TRANSISTOR		
Q0109-10	2SC2712/YG/-X	SI.TRANSISTOR		
IC				
IC0010	TA8865BN	I.C.(MONO-ANA)		
OTHERS				
CF0010-11	QAX0620-001	C TRAP		
CF0100	TPSH6.0MB	CERAMIC FILTER		
CF0140	CSB503F30-T2	CER. RESONATOR		
SF0010	QAX0315-001	SAW FILTER		
SF0012	QAX0618-001	SAW FILTER		
W0008	NRSA02J-OROX	MG R	0.0Ω 1/10W	J
W0013	NRSA02J-OROX	MG R	0.0Ω 1/10W	J
W0025	NRSA02J-OROX	MG R	0.0Ω 1/10W	J

△	Symbol No.	Part No.	Part Name	Description
OTHERS				
W0028-29	NRSA02J-OROX	MG R	0.0Ω 1/10W	J
W0031-32	NRSA02J-OROX	MG R	0.0Ω 1/10W	J
W0036	NRSA02J-OROX	MG R	0.0Ω 1/10W	J
W0074	NRSA02J-OROX	MG R	0.0Ω 1/10W	J
W0094-96	NRSA02J-OROX	MG R	0.0Ω 1/10W	J
W0098	NRSA02J-OROX	MG R	0.0Ω 1/10W	J
Y0002-04	NRSA02J-OROX	MG R	0.0Ω 1/10W	J
AV TERMINAL PW BOARD ASS'Y (SMD0J001A-U2)				
Refer to PARTS LIST in page 21 for this P.W. board.				
PIP PW BOARD ASS'Y (SMD0P901A-U2)				
△	Symbol No.	Part No.	Part Name	Description
RESISTOR				
R0002	NRSA02J-104X	MG R	100kΩ 1/10W	J
R0003-06	NRSA02J-102X	MG R	1kΩ 1/10W	J
R0100	NRSA02J-472X	MG R	4.7kΩ 1/10W	J
R0101	NRSA02J-122X	MG R	1.2kΩ 1/10W	J
R0102	NRSA02J-331X	MG R	330Ω 1/10W	J
R0103	NRSA02J-680X	MG R	68Ω 1/10W	J
R0104	NRSA02J-330X	MG R	33Ω 1/10W	J
R0113	NRSA02J-332X	MG R	3.3kΩ 1/10W	J
R0114	NRSA02J-474X	MG R	470kΩ 1/10W	J
R0115	NRSA02J-750X	MG R	75Ω 1/10W	J
R0116	NRSA02J-101X	MG R	100Ω 1/10W	J
R0117	NRSA02J-391X	MG R	390Ω 1/10W	J
R0118	NRSA02J-474X	MG R	470kΩ 1/10W	J
R0119	NRSA02J-471X	MG R	47Ω 1/10W	J
R0120	NRSA02J-562X	MG R	5.6kΩ 1/10W	J
R0121	NRSA02J-822X	MG R	8.2kΩ 1/10W	J
R0123	NRSA02J-470X	MG R	47Ω 1/10W	J
R0126-27	NRSA02J-150X	MG R	15Ω 1/10W	J
R0131-32	NRSA02J-393X	MG R	39kΩ 1/10W	J
R0133	NRSA02J-273X	MG R	27kΩ 1/10W	J
R0134	NRSA02J-222X	MG R	2.2kΩ 1/10W	J
R0135	NRSA02J-273X	MG R	27kΩ 1/10W	J
R0138-39	NRSA02J-473X	MG R	47kΩ 1/10W	J
R0140	NRSA02J-272X	MG R	2.7kΩ 1/10W	J
R0141	NRSA02J-104X	MG R	100kΩ 1/10W	J
R0144	NRSA02J-103X	MG R	10kΩ 1/10W	J
R0145	NRSA02J-332X	MG R	3.3kΩ 1/10W	J
R0146	NRSA02J-222X	MG R	2.2kΩ 1/10W	J
R0166	NRSA02J-102X	MG R	1kΩ 1/10W	J
R0167-68	NRSA02J-151X	MG R	150Ω 1/10W	J
R0169	NRSA02J-271X	MG R	270Ω 1/10W	J
R0170	NRSA02J-222X	MG R	2.2kΩ 1/10W	J
R0171	NRSA02J-151X	MG R	150Ω 1/10W	J
R0172	NRSA02J-331X	MG R	330Ω 1/10W	J
R0174	NRSA02J-561X	MG R	560Ω 1/10W	J
R0176	NRSA02J-561X	MG R	560Ω 1/10W	J
R0178	NRSA02J-152X	MG R	1.5kΩ 1/10W	J

△	Symbol No.	Part No.	Part Name	Description
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RESISTOR

R0301	NRSA02J-153X	MG R	15kΩ 1/10W J
R0302	NRSA02J-823X	MG R	82kΩ 1/10W J
R0303-04	NRSA02J-101X	MG R	100Ω 1/10W J
R0305-07	NRSA02J-103X	MG R	10kΩ 1/10W J
R0601	NRSA02J-102X	MG R	1kΩ 1/10W J
R0602	NRSA02J-822X	MG R	8.2kΩ 1/10W J
△ R0603	QRZ9017-470	F R	47Ω 1/4W J
R0604	NRSA02J-104X	MG R	100kΩ 1/10W J
R0605	NRSA02J-683X	MG R	68kΩ 1/10W J
R0606	NRSA02J-272X	MG R	2.7kΩ 1/10W J
R0607	NRSA02J-392X	MG R	3.9kΩ 1/10W J
R0608-09	NRSA02J-562X	MG R	5.6kΩ 1/10W J
R0801-02	NRSA02J-820X	MG R	82Ω 1/10W J
R0803	NRSA02J-103X	MG R	10kΩ 1/10W J
R0804-09	NRSA02J-101X	MG R	100Ω 1/10W J
R0810-11	NRSA02J-393X	MG R	39kΩ 1/10W J
R0814-17	NRSA02J-OROX	MG R	0.0Ω 1/10W J
R0820	NRSA02J-103X	MG R	10kΩ 1/10W J
R0822	NRSA02J-103X	MG R	10kΩ 1/10W J
R0824	NRSA02J-222X	MG R	2.2kΩ 1/10W J
R0825	NRSA02J-102X	MG R	1kΩ 1/10W J
R0826	NRSA02J-222X	MG R	2.2kΩ 1/10W J
R0827	NRSA02J-OROX	MG R	0.0Ω 1/10W J
R0828	NRSA02J-331X	MG R	330Ω 1/10W J
R0829	NRSA02J-222X	MG R	2.2kΩ 1/10W J
R0830	NRSA02J-OROX	MG R	0.0Ω 1/10W J
R0831	NRSA02J-150X	MG R	15Ω 1/10W J
R0832	NRSA02J-151X	MG R	150Ω 1/10W J
R0833	NRSA02J-182X	MG R	1.8kΩ 1/10W J
R0834	NRSA02J-OROX	MG R	0.0Ω 1/10W J
R0835	NRSA02J-150X	MG R	15Ω 1/10W J
R0836	NRSA02J-151X	MG R	150Ω 1/10W J
R0837	NRSA02J-332X	MG R	3.3kΩ 1/10W J
R0838	NRSA02J-OROX	MG R	0.0Ω 1/10W J
R0839	NRSA02J-222X	MG R	2.2kΩ 1/10W J
R0840	NRSA02J-822X	MG R	8.2kΩ 1/10W J
R0841	NRSA02J-103X	MG R	10kΩ 1/10W J
R0842	NRSA02J-562X	MG R	5.6kΩ 1/10W J
R0843	NRSA02J-472X	MG R	4.7kΩ 1/10W J
R0844	NRSA02J-222X	MG R	2.2kΩ 1/10W J
R0845-48	NRSA02J-221X	MG R	220Ω 1/10W J
R0849	NRSA02J-222X	MG R	2.2kΩ 1/10W J
R0850	NRSA02J-101X	MG R	100Ω 1/10W J
R0851	NRSA02J-153X	MG R	15kΩ 1/10W J
R0852	NRSA02J-472X	MG R	4.7kΩ 1/10W J
R0853-54	NRSA02J-102X	MG R	1kΩ 1/10W J
R0855	NRSA02J-223X	MG R	22kΩ 1/10W J
R0856-58	NRSA02J-473X	MG R	47kΩ 1/10W J
R0859-62	NRSA02J-562X	MG R	5.6kΩ 1/10W J
R0867-68	NRSA02J-101X	MG R	100Ω 1/10W J
R0869-71	NRSA02J-820X	MG R	82Ω 1/10W J
R0872-74	NRSA02J-821X	MG R	820Ω 1/10W J
R0875-99	NRSA02J-820X	MG R	82Ω 1/10W J
R0900-04	NRSA02J-820X	MG R	82Ω 1/10W J

CAPACITOR

C0001	NCB21HK-222X	C CAP.	2200pF 50V K
C0002	NEH71CM-106X	E CAP.	10μF 16V M
C0005	NCF21EZ-104X	C CAP.	0.1μF 25V Z
C0006	QETN1HM-107Z	E CAP.	100pF 50V M
C0007	NEHE1EM-107X	E CAP.	100pF 25V M
C0008	NCF21EZ-104X	C CAP.	0.1μF 25V Z
C0009	NCB21HK-102X	C CAP.	1000pF 50V K
C0100	NEHE1CM-227X	E CAP.	220μF 16V M
C0102-05	NCB21HK-472X	C CAP.	4700pF 50V K
C0110	NCB21HK-222X	C CAP.	2200pF 50V K
C0111	NEH71HM-335X	E CAP.	3.3μF 50V M
C0112	QLB1HJ-683	M CAP.	0.068μF 50V J
C0113	NEH71HM-105X	E CAP.	1μF 50V M
C0114	NDC21HJ-561X	C CAP.	560pF 50V J
C0115	NEH71HM-335X	E CAP.	3.3μF 50V M

△	Symbol No.	Part No.	Part Name	Description
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RESISTOR

C0116	NEHE1EM-107X	E CAP.	100μF 25V M
C0117	NCB21HK-103X	C CAP.	0.01μF 50V K
C0118	NCB21HK-682X	C CAP.	6800pF 50V K
C0120	NEH71HM-105X	E CAP.	1μF 50V M
C0123	NEHE1EM-107X	E CAP.	100μF 25V M
C0124	NCB21HK-103X	C CAP.	0.01μF 50V K
C0125	NCB21HK-103X	C CAP.	0.01μF 50V K
C0126	NCB21HK-103X	C CAP.	0.01μF 50V K
C0129	QETM1CM-107	E CAP.	100μF 16V M
C0130	NDC21HJ-102X	C CAP.	1000pF 50V J
C0131	NEH71HM-474X	E CAP.	0.47μF 50V M
C0133	NCB21HK-472X	C CAP.	4700pF 50V K
C0134	NCB21HK-472X	C CAP.	4700pF 50V K
C0135	NEH71EM-336X	E CAP.	33μF 25V M
C0136	NCB21HK-103X	C CAP.	0.01μF 50V K
C0137	NCB21HK-472X	C CAP.	4700pF 50V K
C0138	NEH71HM-474X	E CAP.	0.47μF 50V M
C0142	NCB21HK-103X	C CAP.	0.01μF 50V K
C0143-44	NCB21HK-472X	C CAP.	4700pF 50V K
C0145	NCF21EZ-104X	C CAP.	0.1μF 25V Z
C0148	NRSA02J-OROX	MG R	0.0Ω 1/10W J
C0149	NCF21EZ-104X	C CAP.	0.1μF 25V Z
C0153	NDC21HJ-221X	C CAP.	220pF 50V J
C0154-55	NCF21EZ-104X	C CAP.	0.1μF 25V Z
C0160	NEH71CM-476X	E CAP.	47μF 16V M
C0165	NCB21HK-103X	C CAP.	0.01μF 50V K
C0166	NRSA02J-OROX	MG R	0.0Ω 1/10W J
C0304	NCB21HK-332X	C CAP.	3300pF 50V K
C0305	NCF21EZ-474X	C CAP.	0.47μF 25V Z
C0306	NEN51HM-105X	CHIP AL BP E CAP	1μF 50V M
C0307	NCF21EZ-104X	C CAP.	0.1μF 25V Z
C0308	NCB21HK-332X	C CAP.	3300pF 50V K
C0309	NCF21EZ-104X	C CAP.	0.1μF 25V Z
C0310-11	NDC21HJ-150X	C CAP.	15pF 50V J
C0312-16	NCF21EZ-104X	C CAP.	0.1μF 25V Z
C0317	QETN1AM-477Z	E CAP.	470μF 10V M
C0318-20	NCF21EZ-104X	C CAP.	0.1μF 25V Z
C0321-23	NEH71CM-476X	E CAP.	47μF 16V M
C0601	NCB21HK-393X	C CAP.	0.039μF 50V K
C0602	QETN1CM-107Z	E CAP.	100μF 16V M
C0603	NCB21HK-103X	C CAP.	0.01μF 50V K
C0604	NEH71CM-476X	E CAP.	47μF 16V M
C0605	NEH71CM-106X	E CAP.	10μF 16V M
C0606	NEH71HM-105X	E CAP.	1μF 50V M
C0800	NEH71CM-106X	E CAP.	10μF 16V M
C0801	NEH71CM-476X	E CAP.	47μF 16V M
C0802-03	NCF21EZ-104X	C CAP.	0.1μF 25V Z
C0804	NCB21HK-104X	CHIP CAP.	0.1μF 50V K
C0805-08	NCF21EZ-104X	C CAP.	0.1μF 25V Z
C0809	NCB21HK-104X	CHIP CAP.	0.1μF 50V K
C0813-14	NCF21EZ-104X	C CAP.	0.1μF 25V Z
C0817	NCB21HK-104X	CHIP CAP.	0.1μF 50V K
C0818	NCF21EZ-104X	C CAP.	0.1μF 25V Z
C0822-26	NCF21EZ-104X	C CAP.	0.1μF 25V Z
C0829-36	NCF21EZ-104X	C CAP.	0.1μF 25V Z
C0837-38	NEH71CM-476X	E CAP.	47μF 16V M
C0844	NCF21EZ-104X	C CAP.	0.1μF 25V Z
C0845	NEH71CM-476X	E CAP.	47μF 16V M
C0846	NDC21HJ-270X	C CAP.	27pF 50V J
C0850	NEH71CM-106X	E CAP.	10μF 16V M
C0851-52	NCB21EK-104X	C CAP.	0.1μF 25V K
C0853	NEH71CM-106X	E CAP.	10μF 16V M
C0854-55	NCB21EK-104X	C CAP.	0.1μF 25V K
C0856	NEH71CM-476X	E CAP.	47μF 16V M
C0857	NEH71EM-475X	E CAP.	4.7μF 25V M
C0858	NCF21EZ-104X	C CAP.	0.1μF 25V Z
C0859	NDC21HJ-220X	C CAP.	22pF 50V J
C0860	NCB21HK-680X	C CAP.	68pF 50V J
C0861	NDC21HJ-220X	C CAP.	22pF 50V J
C0862-64	NDC21HJ-680X	C CAP.	68pF 50V J
C0865	NEH71CM-106X	E CAP.	10μF 16V M
C0866-71	NCF21EZ-104X	C CAP.	0.1μF 25V Z

△ Symbol No.	Part No.	Part Name	Description
CAPACITOR			
C0872	NCB21HK-104X	CHIP CAP.	0.1μF 50V K
C0873	NCF21EZ-104X	C CAP.	0.1μF 25V Z
C0874	NCB21HK-104X	CHIP CAP.	0.1μF 50V K
C0875	NEN51HM-105X	CHIP AL BP E CAP	1μF 50V M
C0876	NDC21HJ-221X	C CAP.	220pF 50V J
C0877	NEH71CM-106X	E CAP.	10μF 16V M

TRANSFORMER

T0001	QQR0626-001	I.F. TRANSF.
T0102	CELT040-301	S.I.F. TRANSF.
T0103	CELT001-307	C.WAVE TRANSF.

COIL

L0002-05	NQL024J-100X	COIL	10μH
L0100	QQLZ014-R47	PEAKING COIL	0.47μH
L0102	NQL011K-1R5X	COIL	1.5μH
L0103	NQL024J-120X	COIL	12μH
L0107	NQL011K-2R2X	COIL	2.2μH
L0109	NQL011K-5R6X	COIL	5.6μH
L0152	NQL011K-8R2X	COIL	8.2μH
L0153	NQL011K-5R6X	COIL	5.6μH
L0165	NQL011K-4R7X	COIL	4.7μH
L0801	NQL02BJ-4R7X	COIL	4.7μH
L0803	NQL011K-4R7X	COIL	4.7μH
L0804	NQL02BJ-4R7X	COIL	4.7μH

TRANSISTOR

Q0100	2SC5083/L-P/-T	SI.TRANSISTOR
Q0105	2SC2712/YG/-X	SI.TRANSISTOR
Q0108	2SC2712/YG/-X	SI.TRANSISTOR
Q0110	2SC2712/YG/-X	SI.TRANSISTOR
Q0116	2SA1162/YG/-X	SI.TRANSISTOR
Q0168-69	2SC2712/YG/-X	SI.TRANSISTOR
Q0600-01	2SC2712/YG/-X	SI.TRANSISTOR
Q0801-04	2SA1162/YG/-X	SI.TRANSISTOR
Q0805	2SC2712/YG/-X	SI.TRANSISTOR
Q0806-07	2SA1162/YG/-X	SI.TRANSISTOR
Q0808-09	2SC2712/YG/-X	SI.TRANSISTOR
Q0810	2SA1162/YG/-X	SI.TRANSISTOR

IC

IC0101	TA8865BN	I.C. (MONO-ANA)
IC0301	TDA9143/N3	I.C. (MONO-ANA)
IC0302	TDA4665/V5	I.C. (MONO-ANA)
IC0303	LA7016	I.C. (MONO-ANA)
IC0801	SAB9079HS/N1	I.C. (DIGI-MOS)
IC0802	MSM5416283-60-X	4M VD-RAM
IC0803	AN5860	I.C. (MONO-ANA)
IC0804	TC4066BF/N/-XE	I C
IC0805	CXA1875AM-X	I.C. (MONO-ANA)

OTHERS

CF0101	LC30835-001A-C	SHIELD COVER
CF0102-03	CSB503F30-T2	CER. RESONATOR
CF0102	FTP41.50MF	CERAMIC FILTER
CF0160	TPS6.0MB	CERAMIC FILTER
CF0164	QAX0337-001	CERAMIC FILTER
K0001-02	CE41433-001Z	BEADS CORE
L0805-06	NQL011K-4R7X	COIL
SF0100	QAX0315-001	SAW FILTER
SF0102	QAX0352-002	SAW FILTER
TU0001	QAU0132-001	TUNER
UD0001	CEGA016-001	RF SPLITTER
W0001	NRSA02J-OROX	MG R
X0301	CE40749-001Z	CRYSTAL
X0302	CE40668-001Z	CRYSTAL

△ Symbol No.	Part No.	Part Name	Description
OTHERS			
Y0103-07	NRSA02J-OROX	MG R	0.0Ω 1/10W J
Y0110	NRSA02J-OROX	MG R	0.0Ω 1/10W J

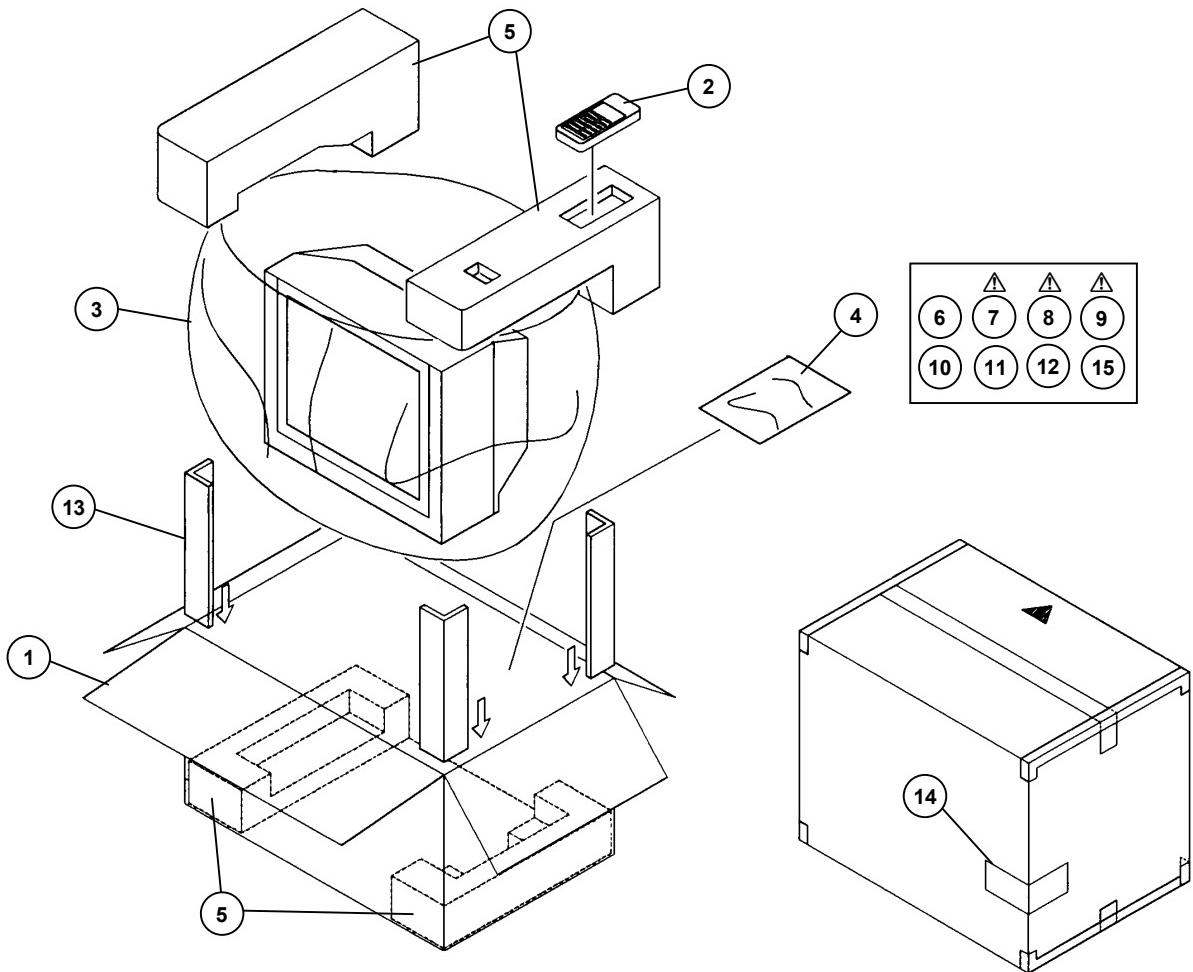
SUB MICON & AUTO PANORAMA PW BOARD ASS'Y (SMD0W001A-U2)

Refer to PARTS LIST in page 23 for this P.W. board.

100Hz PW BOARD ASS'Y (SMD0Z005A-U2)

Refer to PARTS LIST in page 24 for this P.W. board.

PACKING



PACKING PARTS LIST

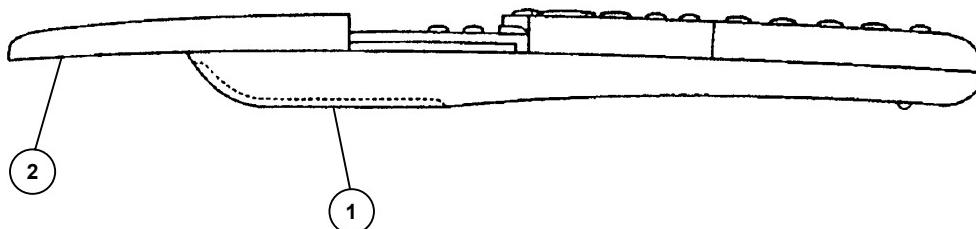
△	Symbol No.	Part No.	Part Name	Description	△	Symbol No.	Part No.	Part Name	Description
[AV-32WFP1EU(A)]									
1	AEM1002-065-E	PACKING CASE			1	AEM1002-065-E	PACKING CASE		
2	RM-C787-1E	REMOCON UNIT			2	RM-C787-1E	REMOCON UNIT		
3	AEM3021-002-E	POLY BAG			3	AEM3021-001-E	POLY BAG		
4	AEM1047-002-E	POLY BAG			4	AEM1047-002-E	POLY BAG		
5	LC10384-002C-U	PACKING CUSHION	4pcs in 1set		5	LC10384-002C-U	PACKING CUSHION		
6	BT-54013-1E	WARRANTY CARD			6	BT-54013-1E	WARRANTY CARD		4pcs in 1set
△	7	LCT0337-002A-U	INST.BOOK	For ENG/GER/FRA/NED/ITA/ESP	△	7	LCT0337-002A-U	INST.BOOK	
△	8	LCT0338-002A-U	INST.BOOK	For FIN/NOR/DEN/SWE/POR	13	AEM3119-001-E	CORNER PAD		(x4)
△	9	LCT0339-002A-U	INST.BOOK	For POL/CZE/HUN/ROM/BUL/RUS	14	AEM1052-004-E	EURO LABEL		
10	32WFP1EU-HSAE	SCH.DIAGRAM	ONLY ITALY(SERVICE)						
11	LC30789-002A-U	WARNING LABEL							
12	AEM1053-001-E	X-RAY CARD							
13	AEM3119-001-E	CORNER PAD	(x4)						
14	AEM1052-005-E	EURO LABEL							
[AV-32WFP1EUI(A)]									
1	AEM1002-065-E	PACKING CASE			1	AEM1002-065-E	PACKING CASE		
2	RM-C786-1E	REMOCON UNIT			2	RM-C786-1E	REMOCON UNIT		
3	AEM3021-001-E	POLY BAG			3	AEM3021-001-E	POLY BAG		
4	AEM1047-002-E	POLY BAG			4	AEM1047-002-E	POLY BAG		
5	LC10384-002C-U	PACKING CUSHION			5	LC10384-002C-U	PACKING CUSHION		
6	BT-54013-1E	WARRANTY CARD			6	BT-54013-1E	WARRANTY CARD		
△	7	LCT0340-002A-U	INST.BOOK		7	LCT0340-002A-U	INST.BOOK		
13	AEM3119-001-E	CORNER PAD			13	AEM3119-001-E	CORNER PAD		(x4)
14	AEM1052-003-E	EURO LABEL			14	AEM1052-003-E	EURO LABEL		
					15	AEM3148-001-E	REG. SHEET		
[AV-32WFP1EK(A)]									
1	AEM1002-065-E	PACKING CASE			1	AEM1002-065-E	PACKING CASE		
2	RM-C786-1E	REMOCON UNIT			2	RM-C786-1E	REMOCON UNIT		
3	AEM3021-001-E	POLY BAG			3	AEM3021-001-E	POLY BAG		
4	AEM1047-002-E	POLY BAG			4	AEM1047-002-E	POLY BAG		
5	LC10384-002C-U	PACKING CUSHION			5	LC10384-002C-U	PACKING CUSHION		
6	BT-54013-1E	WARRANTY CARD			6	BT-54013-1E	WARRANTY CARD		
△	7	LCT0340-002A-U	INST.BOOK		7	LCT0340-002A-U	INST.BOOK		
13	AEM3119-001-E	CORNER PAD			13	AEM3119-001-E	CORNER PAD		(x4)
14	AEM1052-003-E	EURO LABEL			14	AEM1052-003-E	EURO LABEL		
					15	AEM3148-001-E	REG. SHEET		

REMOTE CONTROL UNIT PARTS LIST

[AV-32WFP1EU(A) / AV-32WFP1EUI(A) : RM-C787-1E]

[AV-32WFP1EK(A) : RM-C786-1E]

Ref. No.	Part No.	Part Name	Description	Local
RM-C787-1E				
1	BGV110202A	BATTERY COVER		
2	BGV110312A	SLIDE COVER		
RM-C786-1E				
1	BGV110202A	BATTERY COVER		
2	BGV110311A	SLIDE COVER		



JVC

VICTOR COMPANY OF JAPAN, LIMITED

TELEVISION RECEIVER DIVISION 1106 Heta, Iwai-city, Ibaraki-prefecture, 306-0698, Japan

32WFP1EUACKD #3
32WFP1EUIACK #3
32WFP1EKACKD #3

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